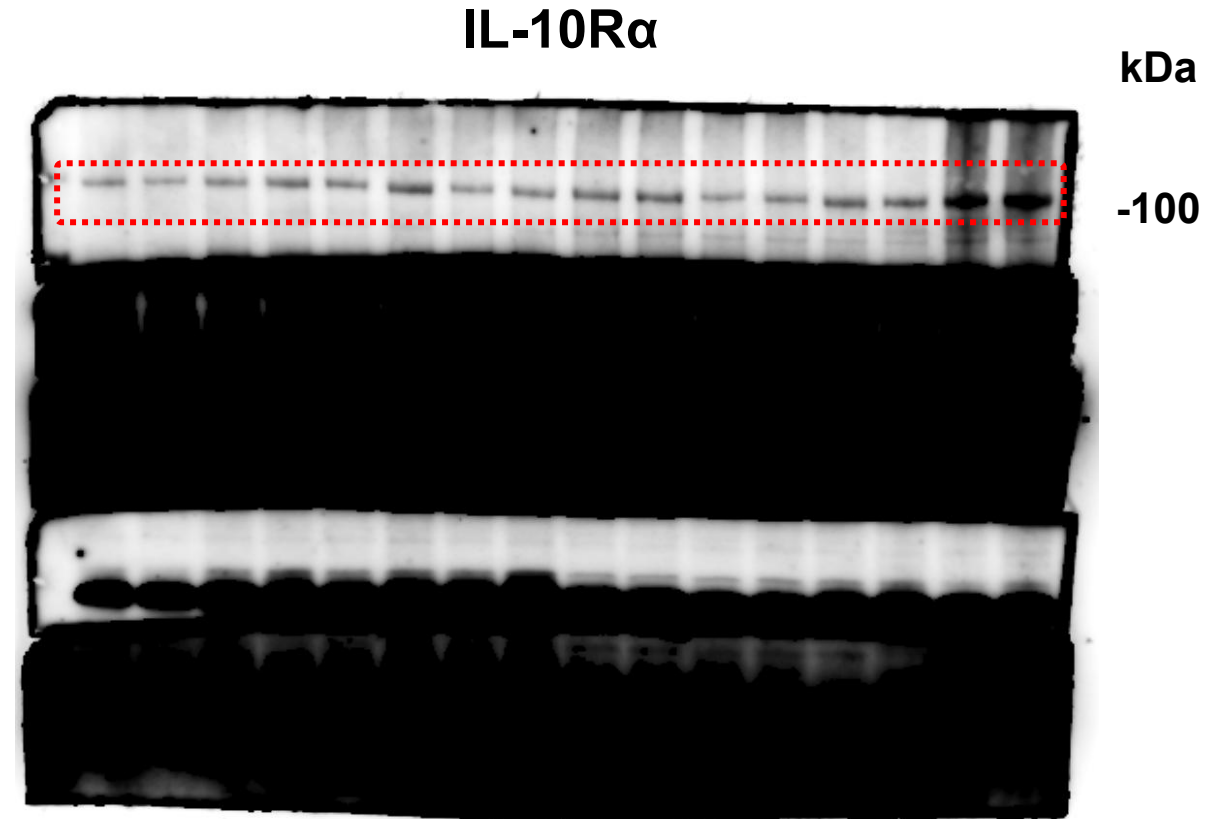
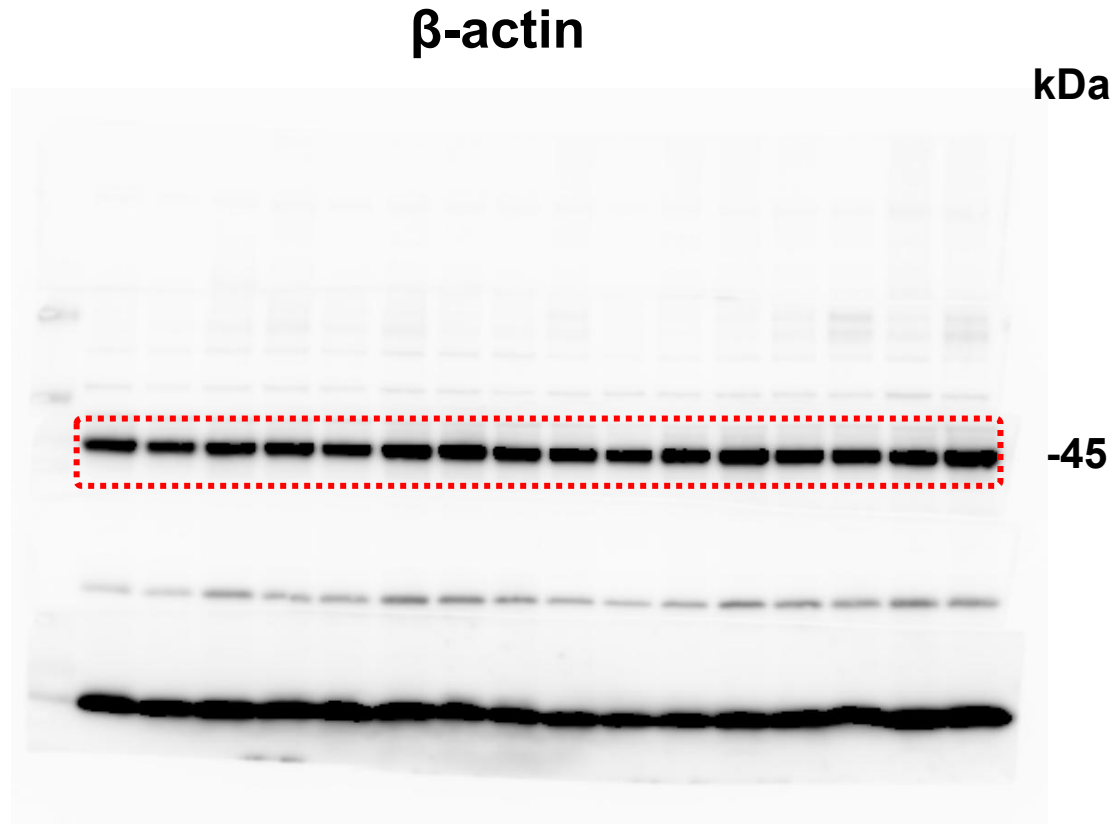
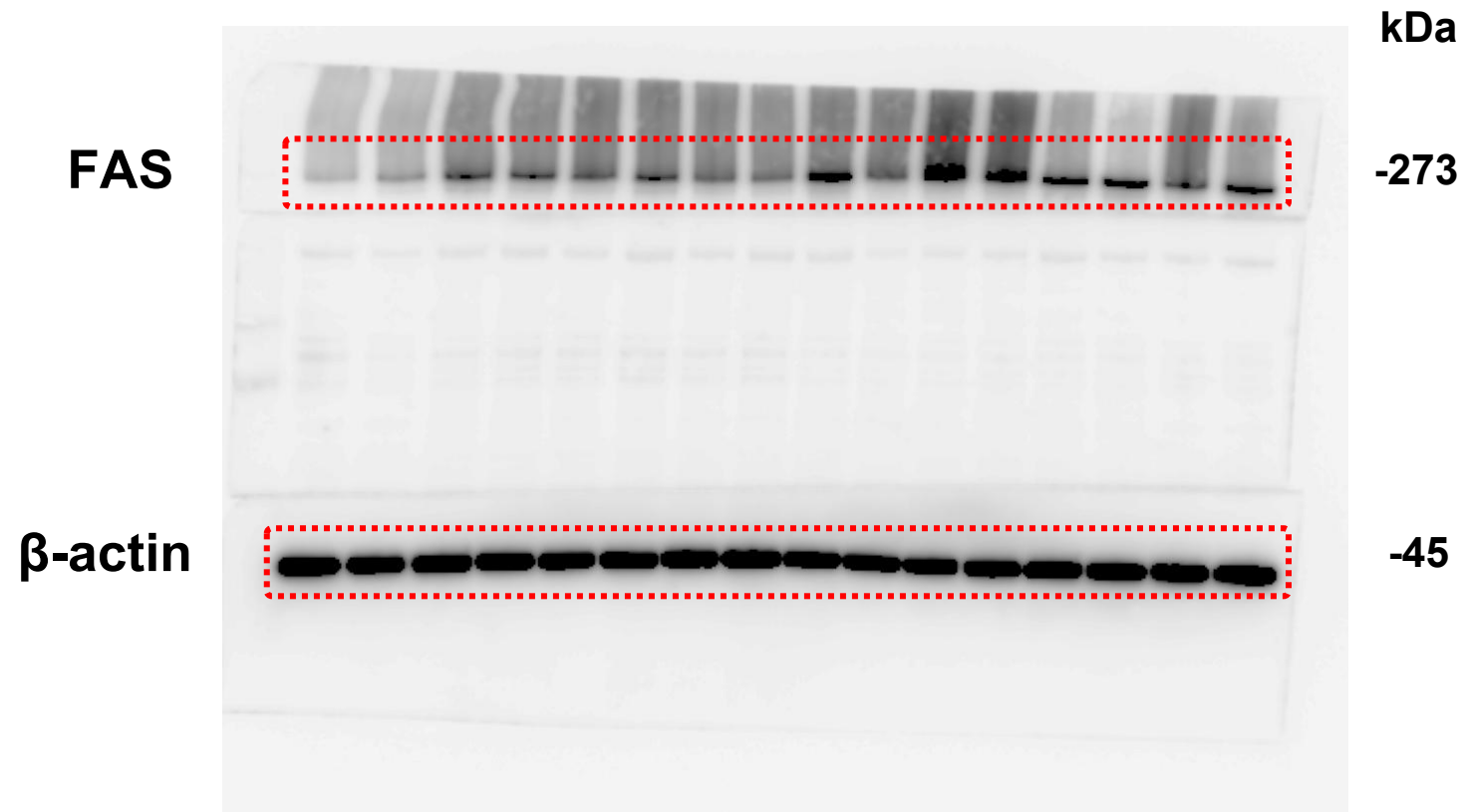


Fig. 1G (IL-10R α Full unedited blot)



**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 1H (FAS-Full unedited blot)



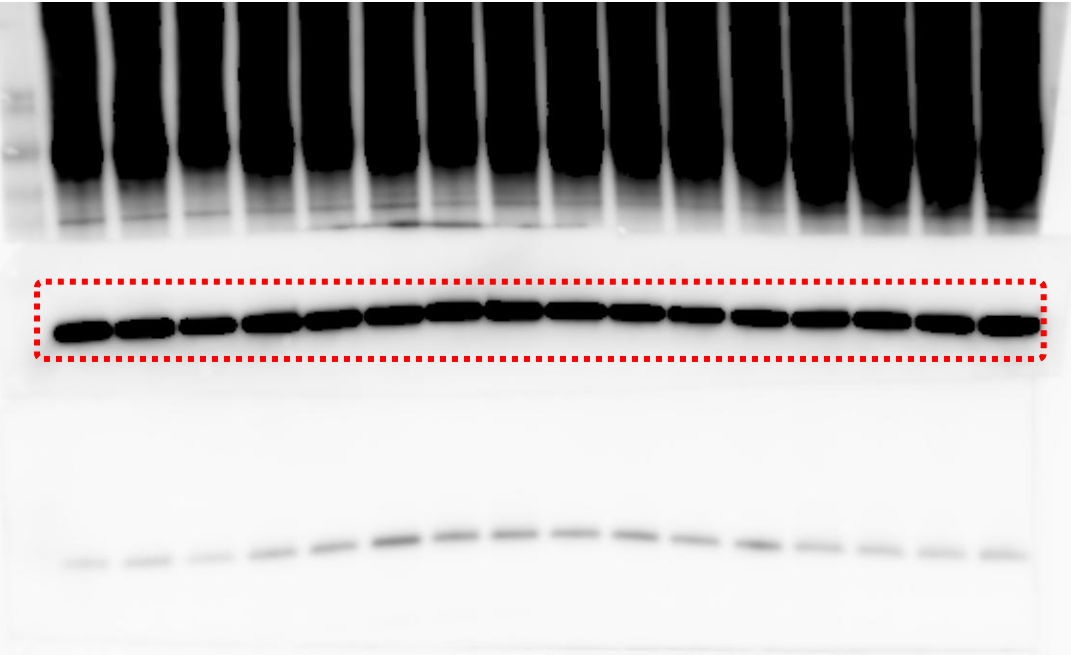
Note: 1. The same blot was used.

2. Bands used in Figures are indicated by boxes in red outlines.

Fig. 1H (CPT1-Full unedited blot)

β -actin

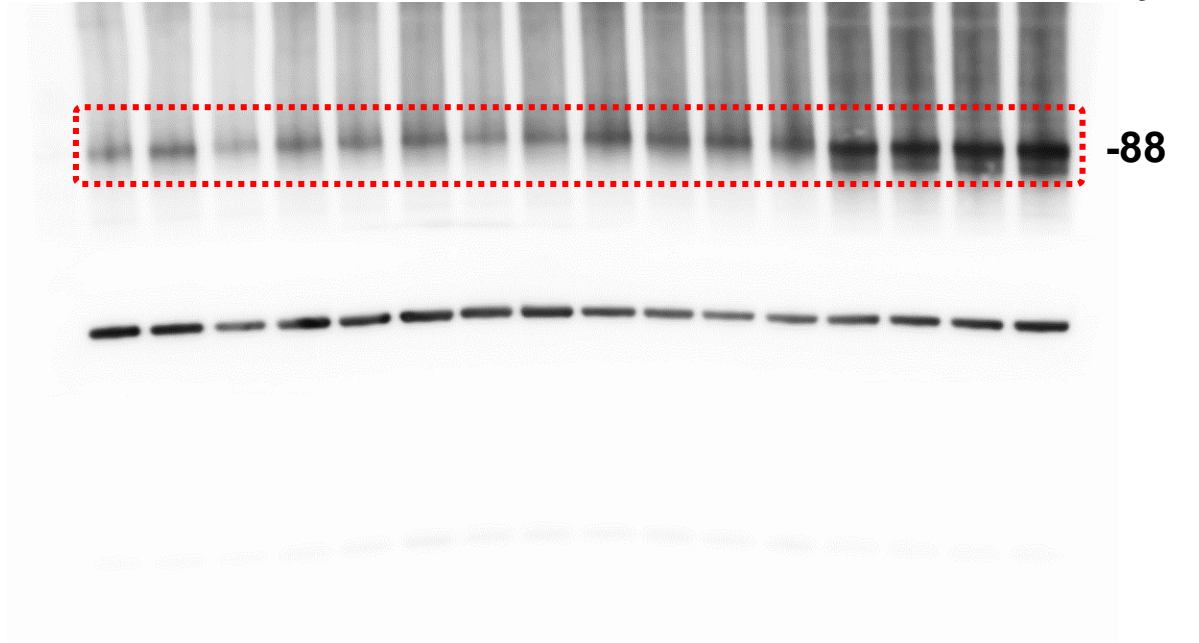
kDa



-45

CPT1

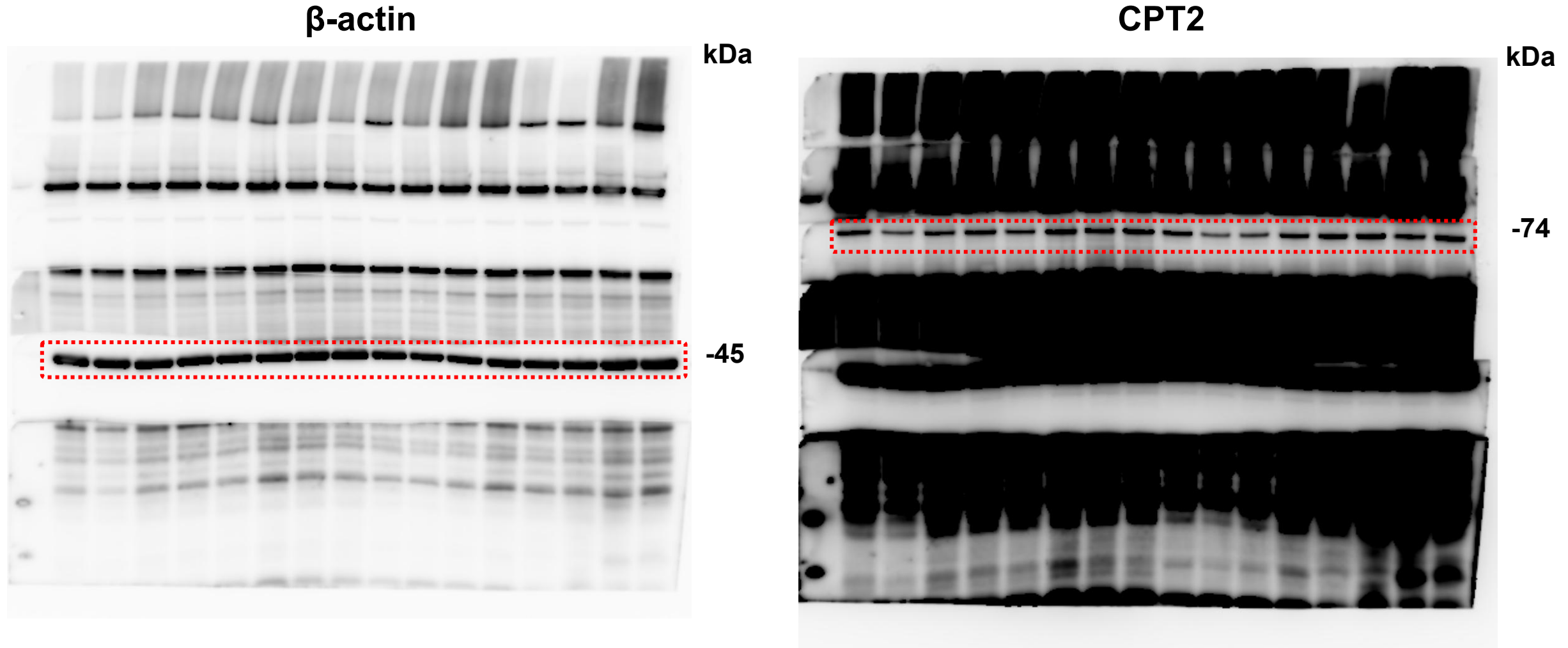
kDa



-88

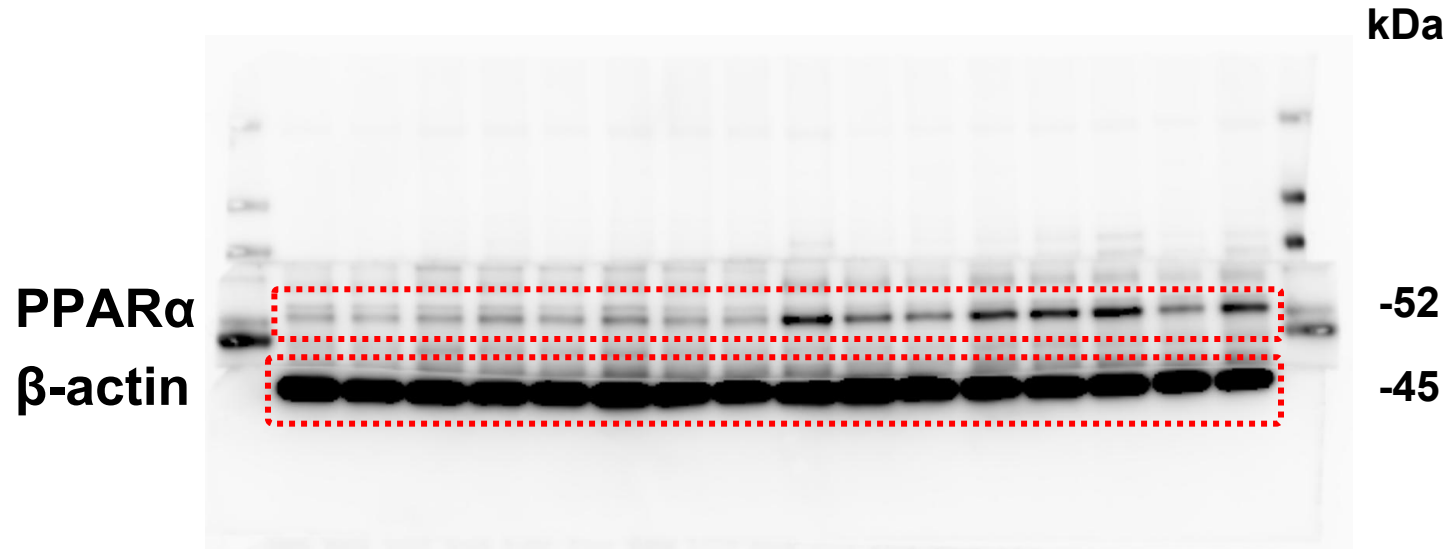
**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 1H (CPT2-Full unedited blot)



**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 1H (PPAR α -Full unedited blot)



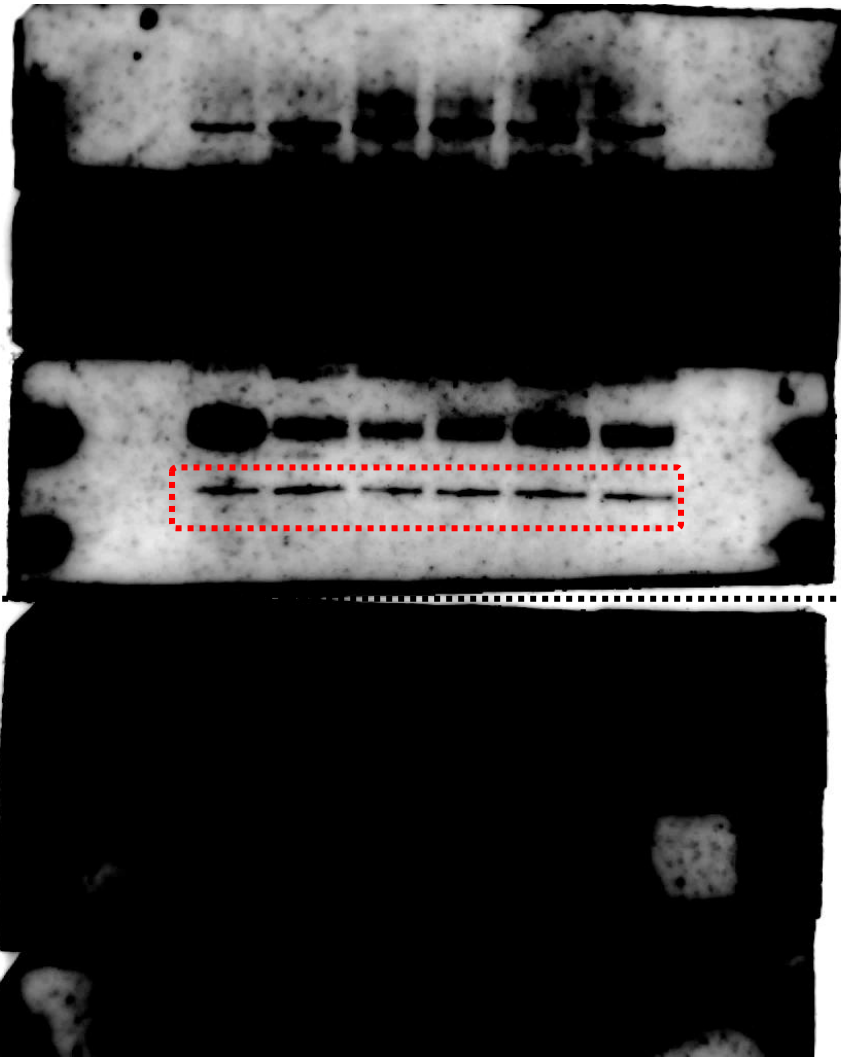
Note: 1. The same blot was used.

2. Bands used in Figures are indicated by boxes in red outlines.

Fig. 2C (FAS-Full unedited blot)

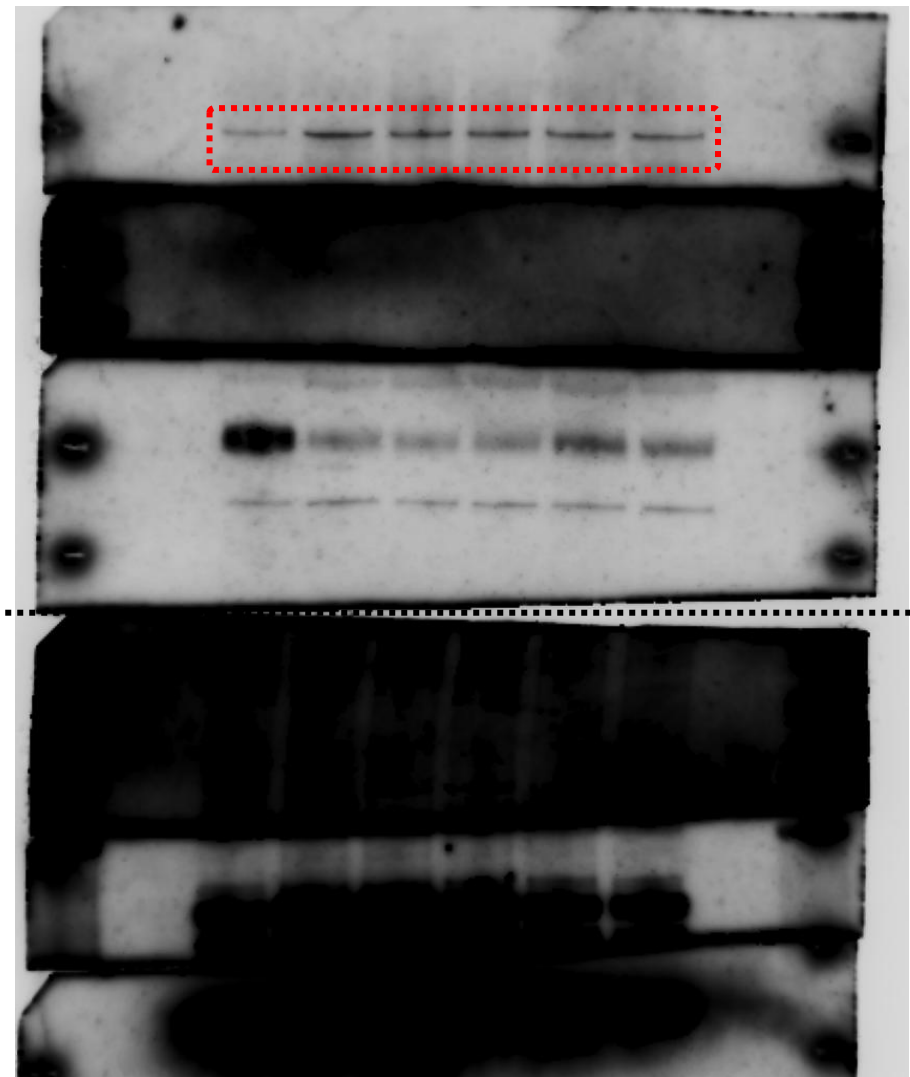
β -actin

kDa



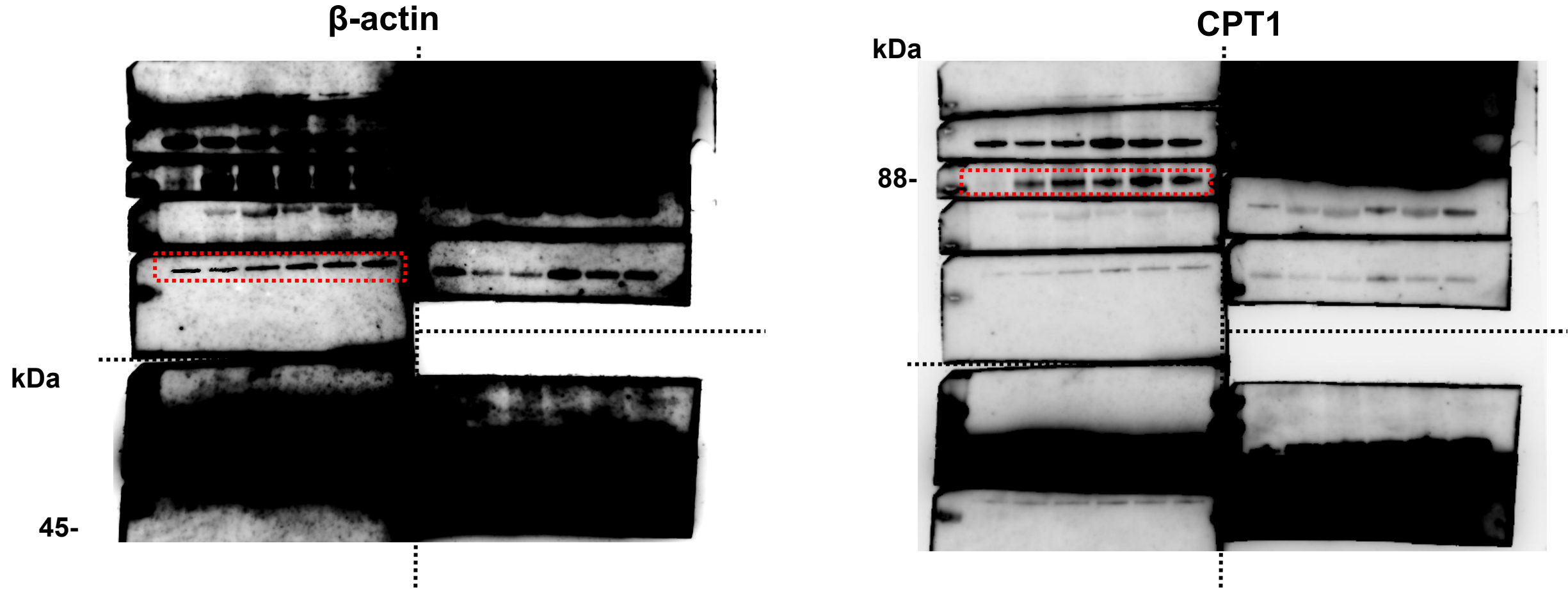
FAS

kDa



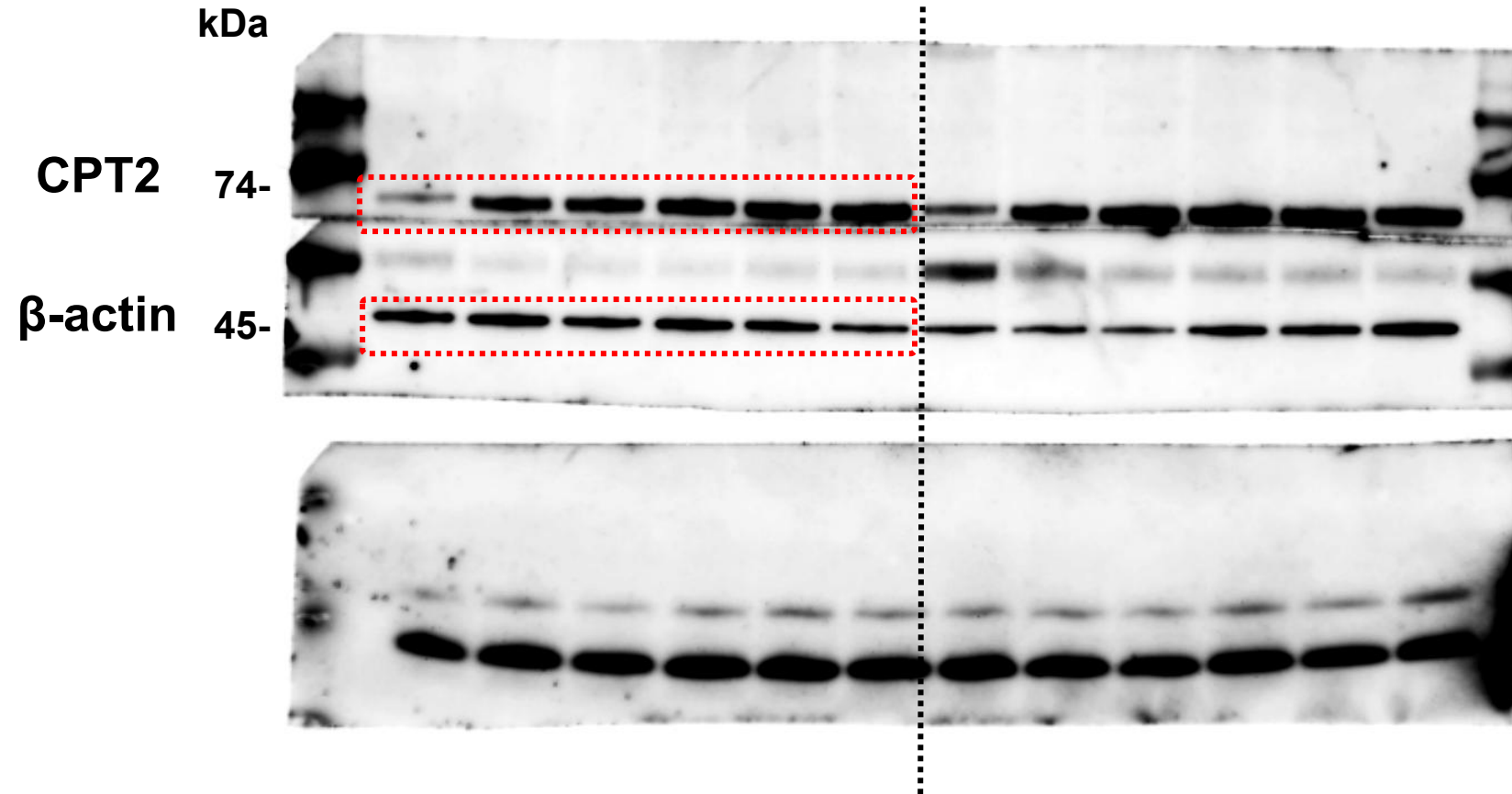
**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 2C (CPT1-Full unedited blot)



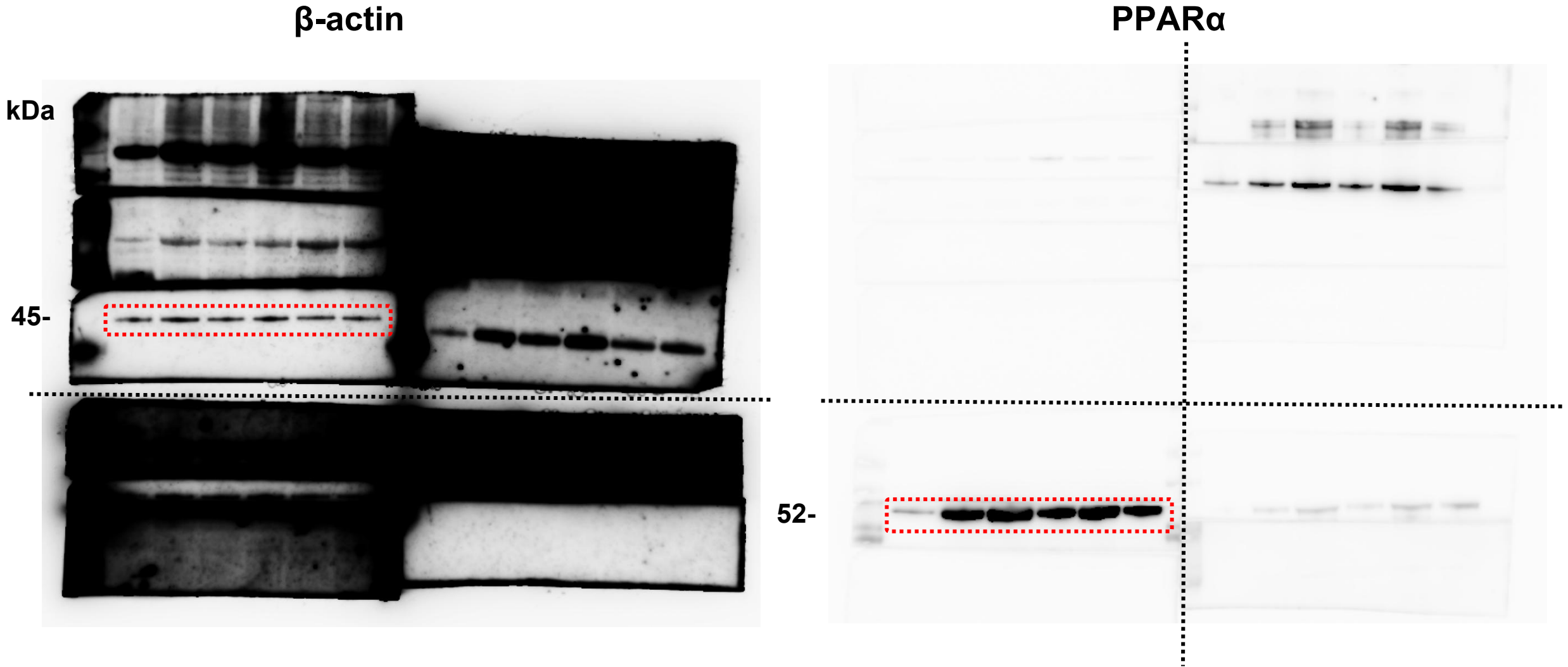
**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 2C (CPT2-Full unedited blot)



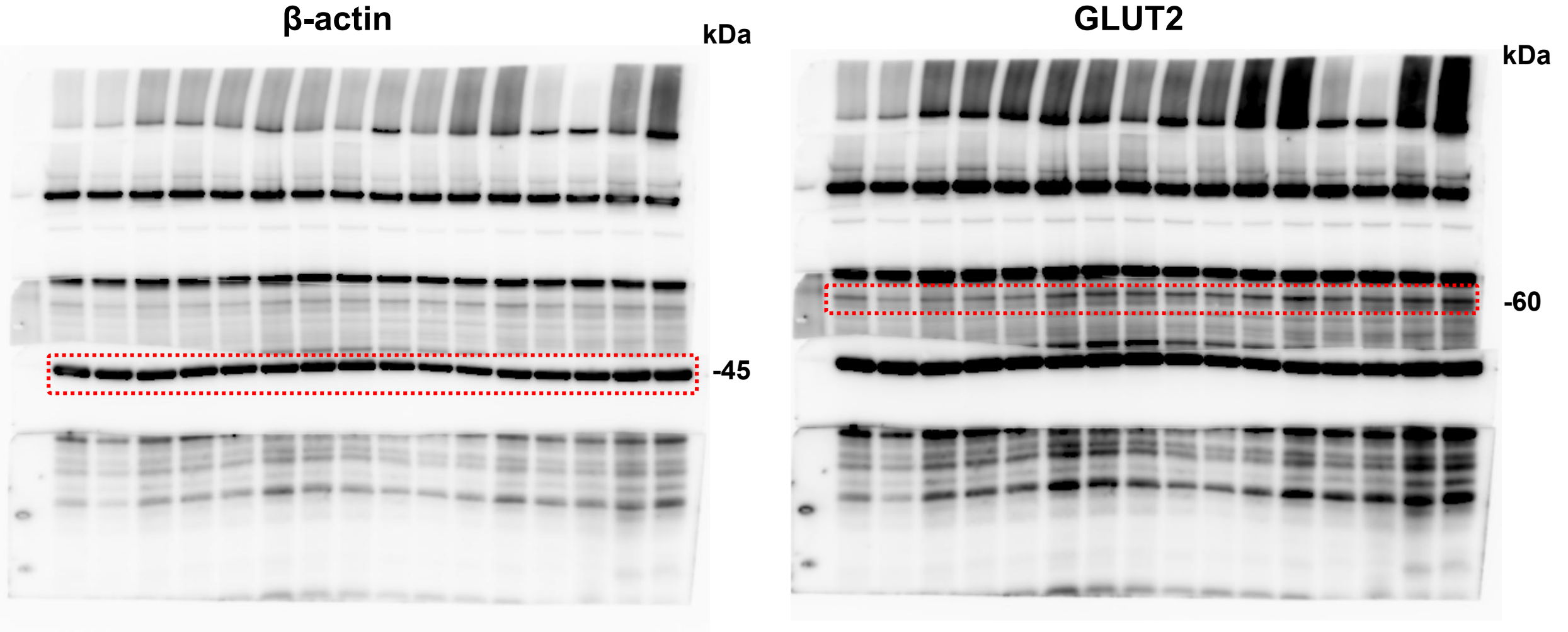
**Note: 1. The same blot was used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 2C (PPAR α -Full unedited blot)



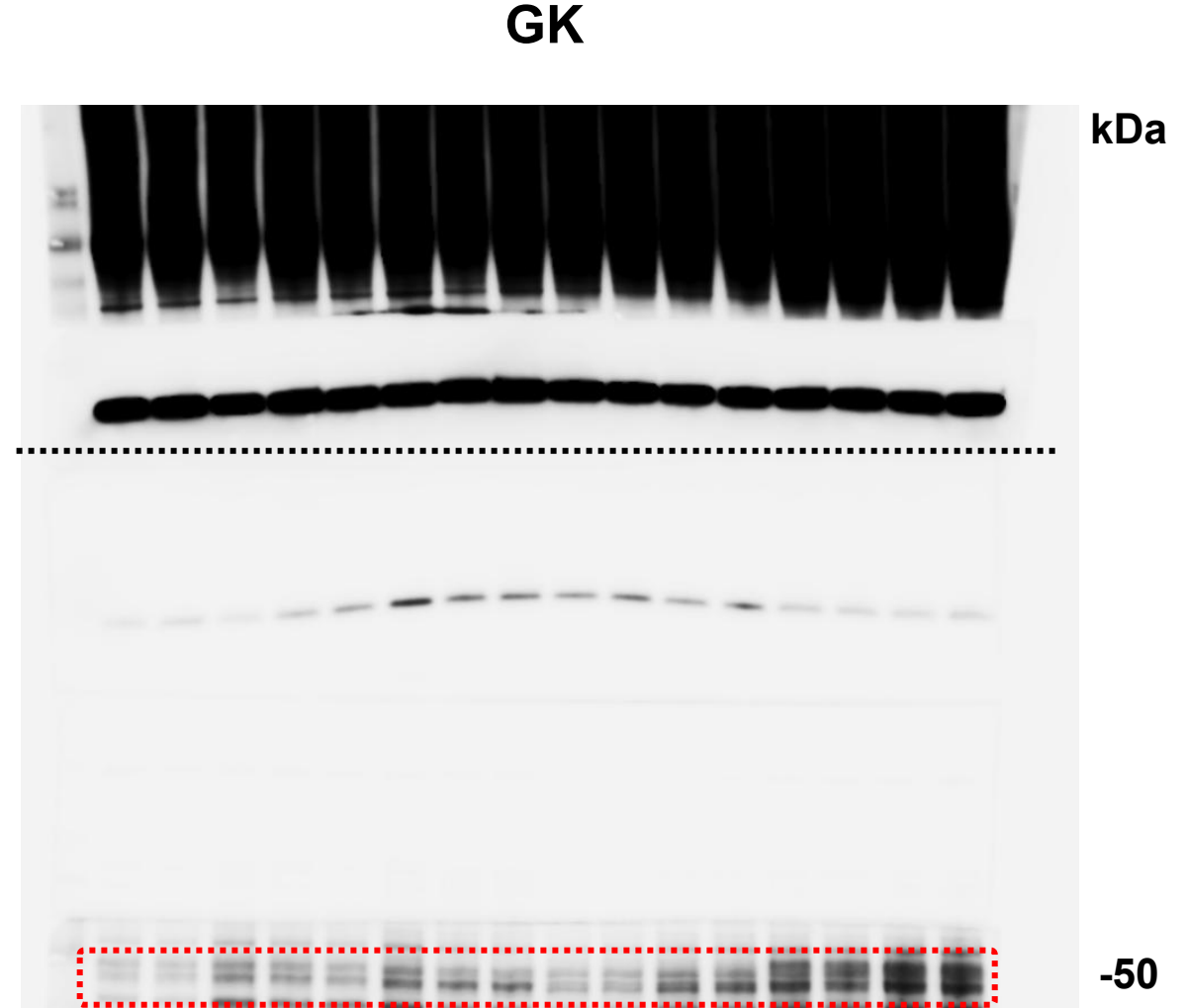
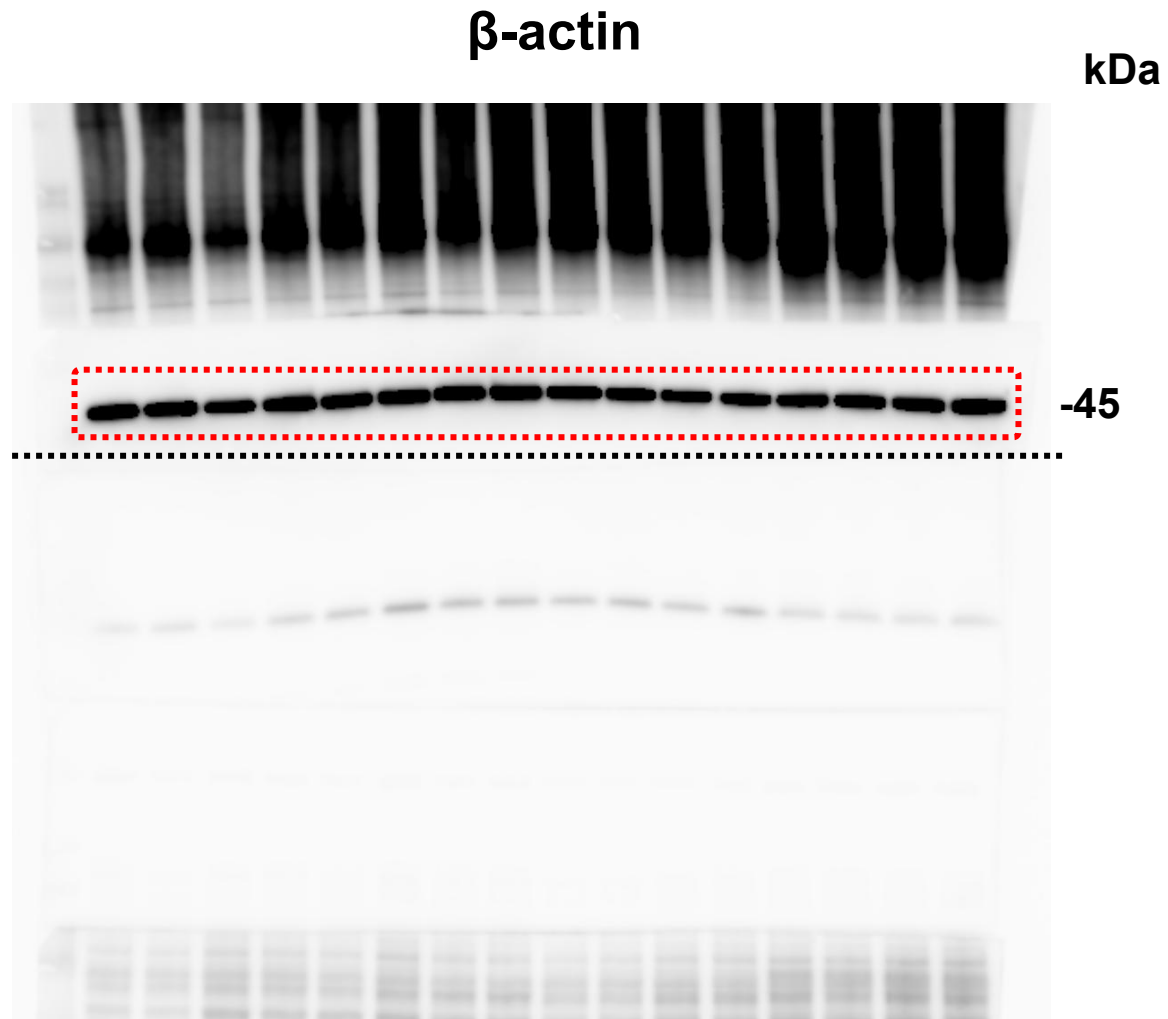
**Note: 1. Separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 4D (GLUT2-Full unedited blot)



**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 4D (GK-Full unedited blot)



**Note: 1. Separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 4D (p-GS-GS-Full unedited blot)

β -actin

GS

p-GS

kDa

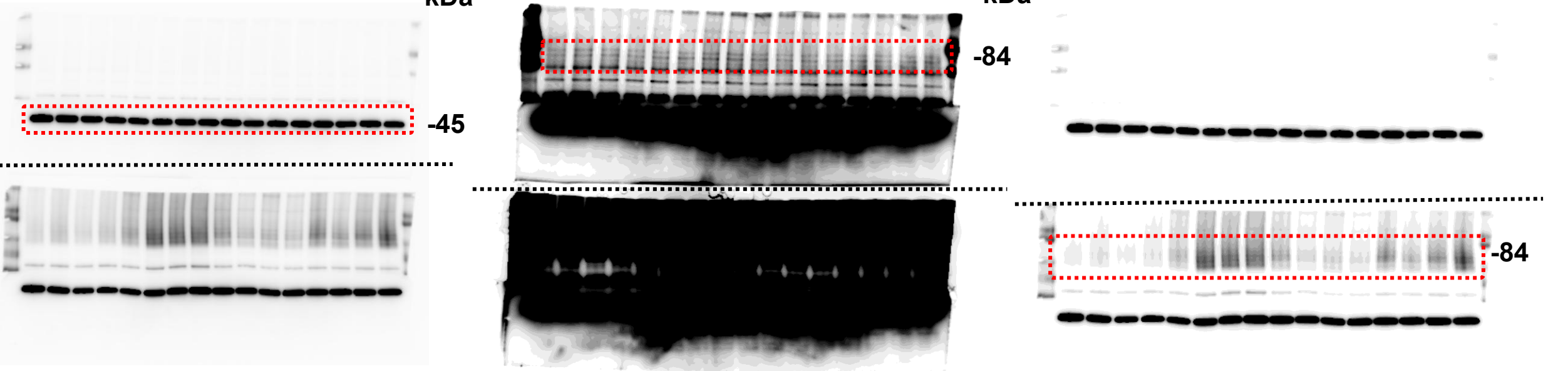
kDa

kDa

-45

-84

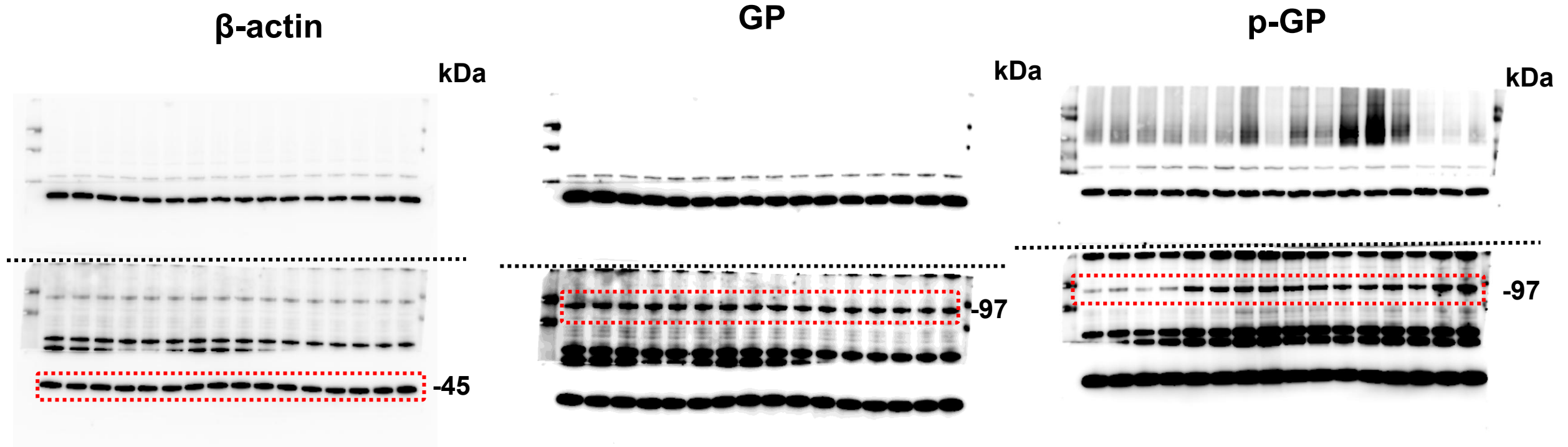
-84



Note: 1. In GS and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-GS and GS expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

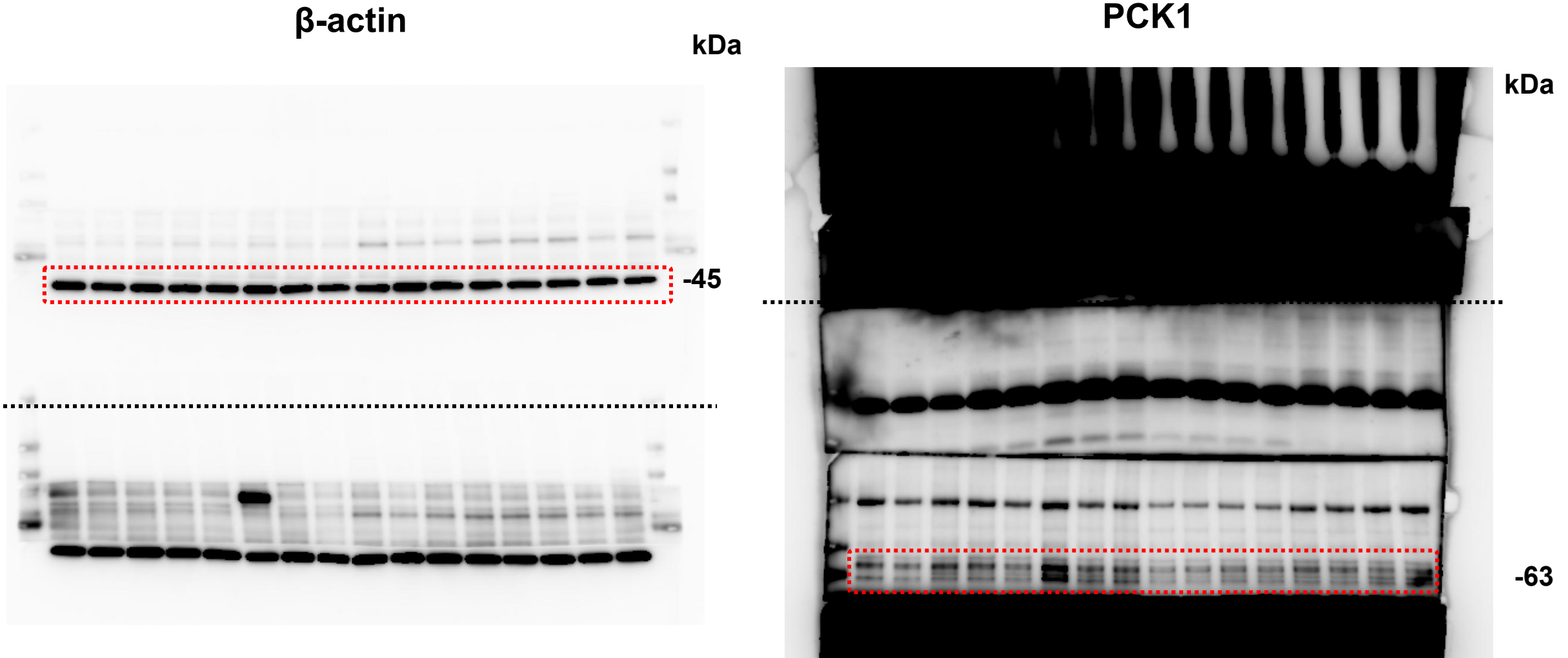
Fig. 4D (p-GP-GP-Full unedited blot)



Note: 1. In GP and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-GP and GP expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

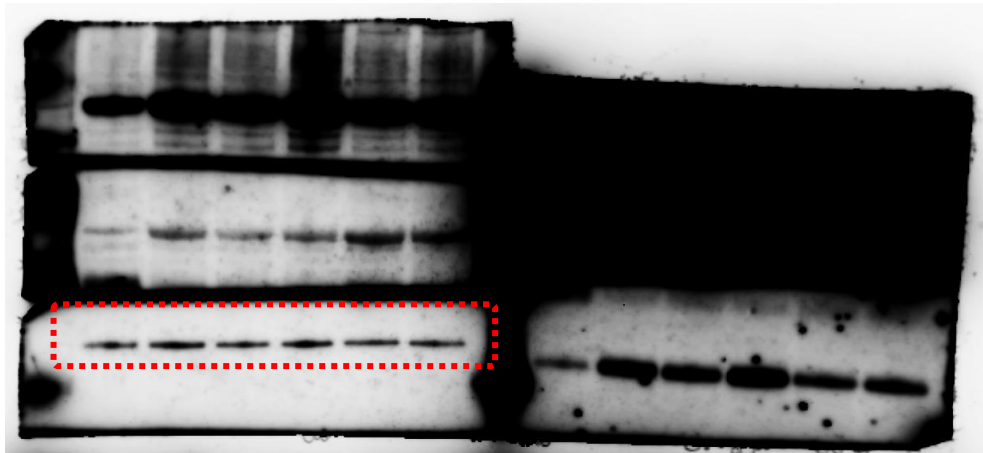
Fig. 4D (PCK1-Full unedited blot)



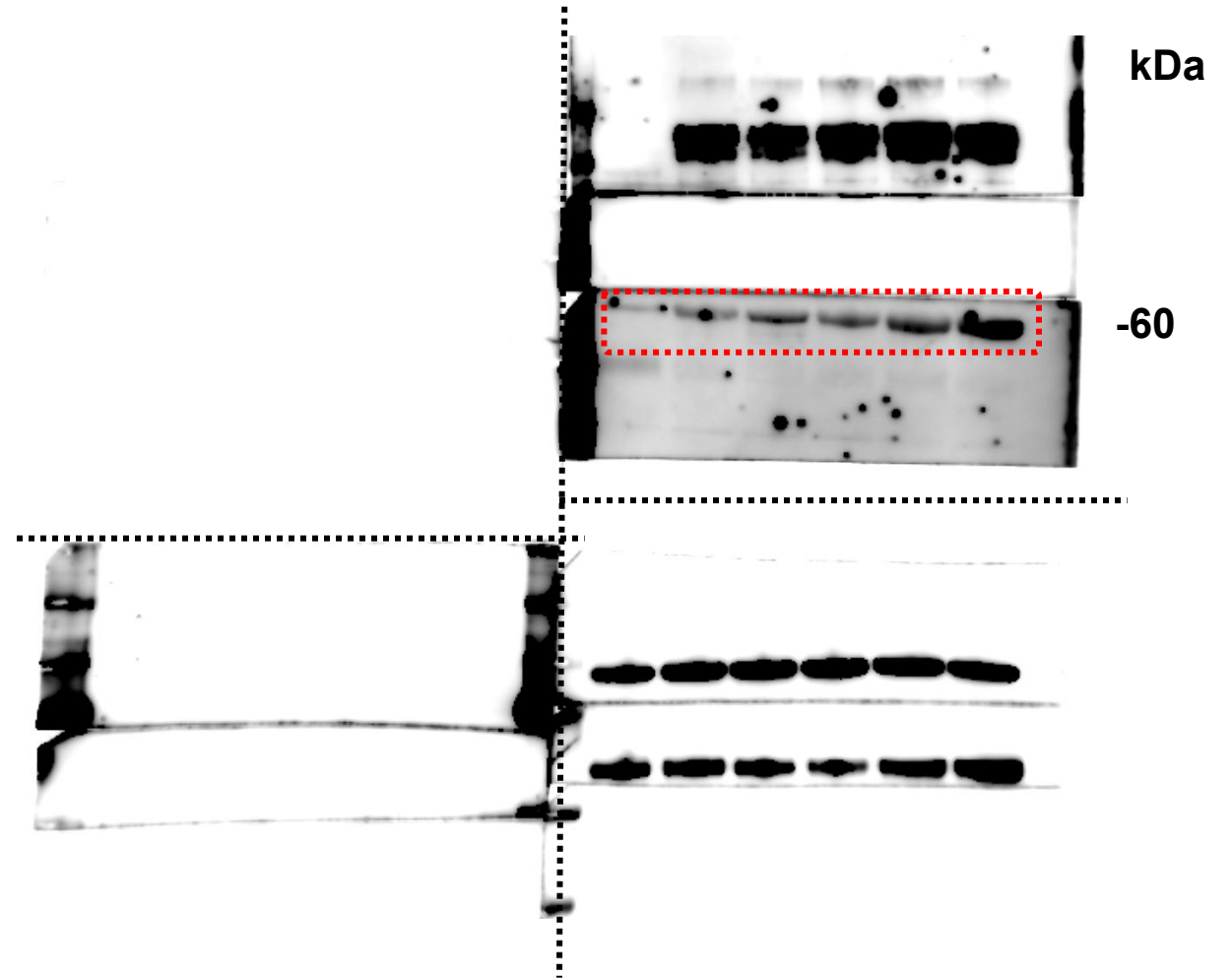
**Note: 1. Separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 4G (GLUT2-Full unedited blot)

β -actin



GLUT2

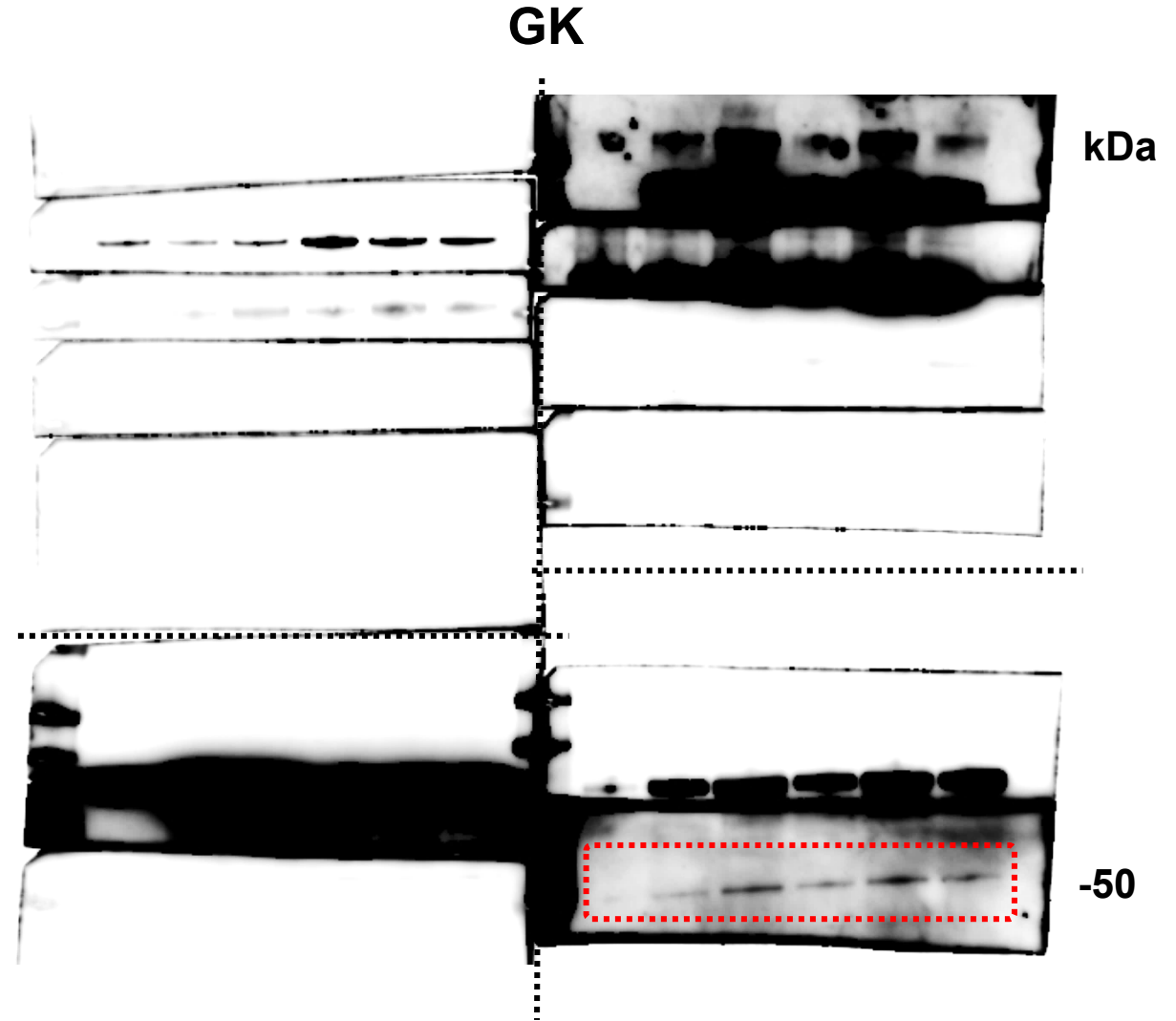


**Note: 1. Separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 4G (GK-Full unedited blot)

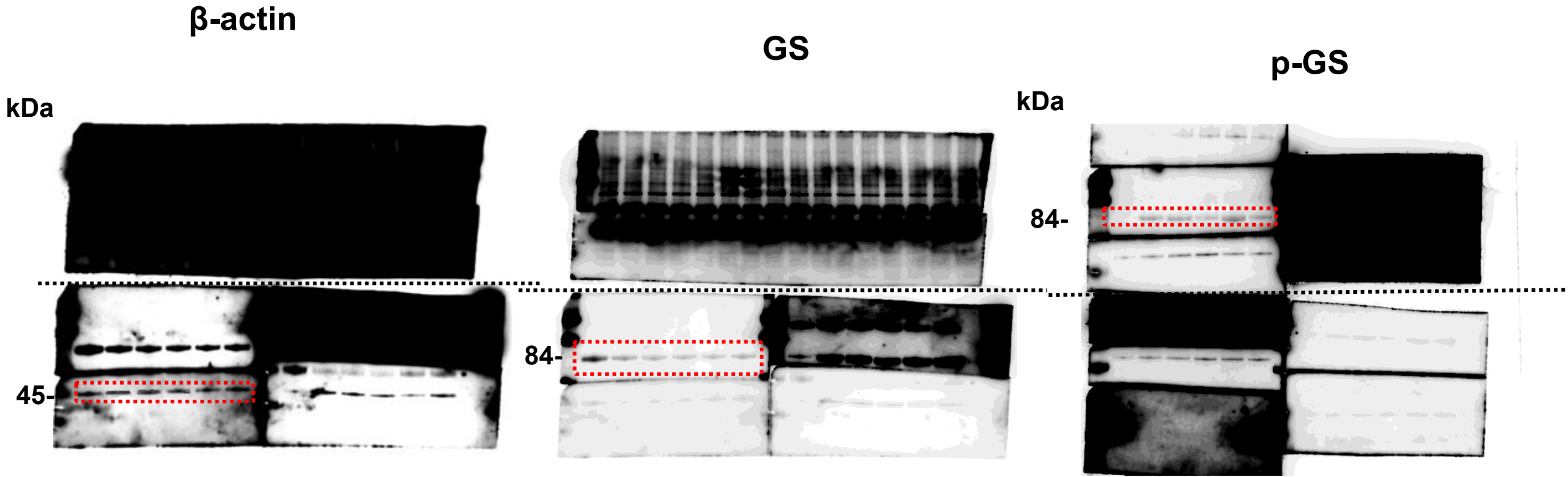
β -actin

See Fig. 4G (GLUT2-Full unedited blot)



Note: 1. Separate, noncontiguous lanes from the same samples were used for each antibody. β -actin loading control for GK was obtained from the same gel with GLUT2.
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. 4G (p-GS-GS-Full unedited blot)



Note: 1. In GS and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-GS and GS expression, separate, noncontiguous lanes from the same samples were used for each antibody.

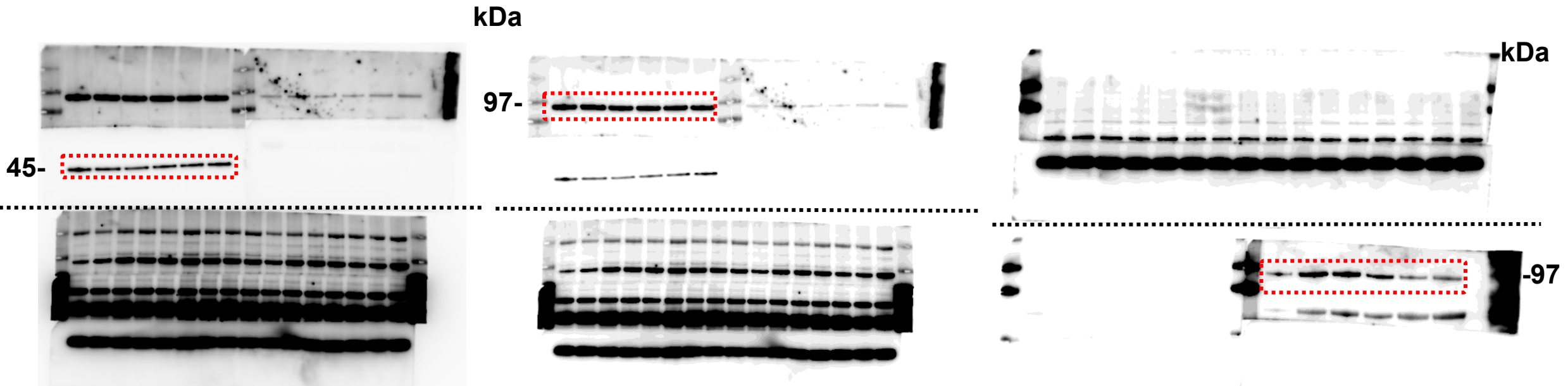
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. 4G (p-GP-GP-Full unedited blot)

β -actin

GP

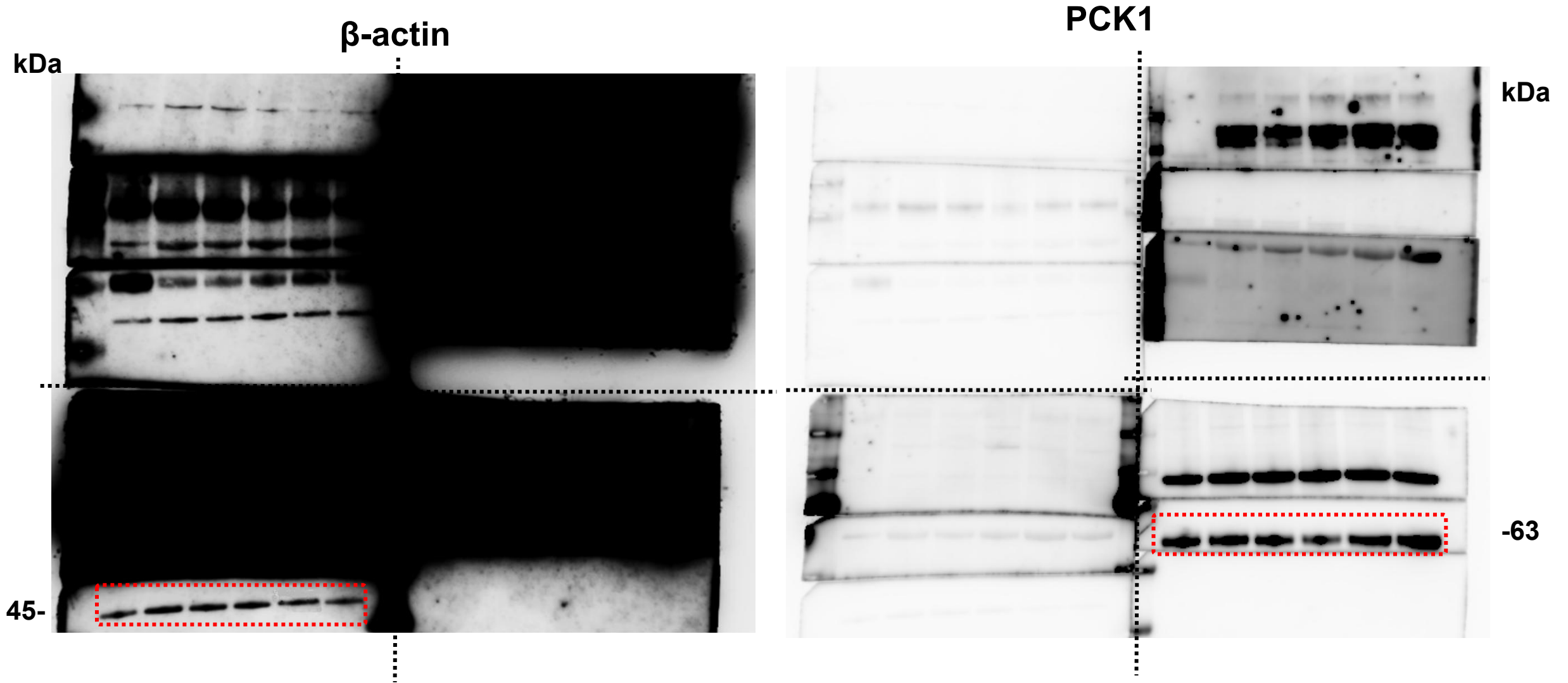
p-GP



Note: 1. In GP and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-GP and GP expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

Fig. 4G (PCK1-Full unedited blot)

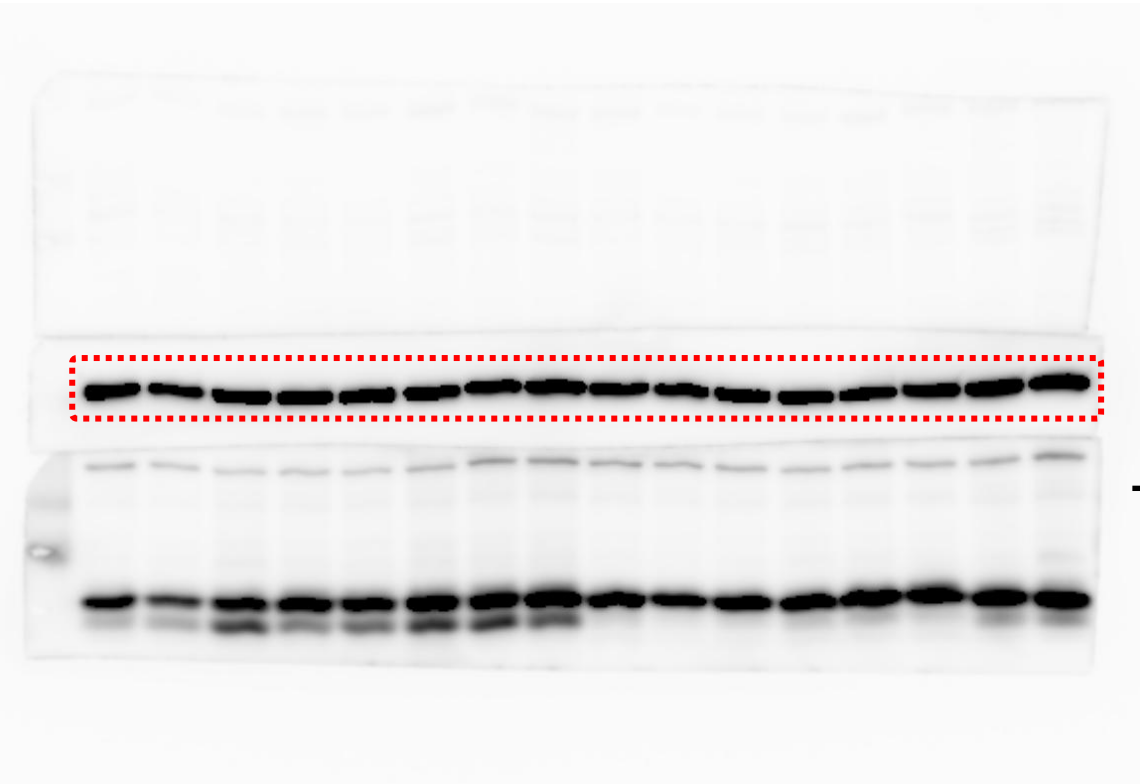


**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 5D (SOD1-Full unedited blot)

β -actin

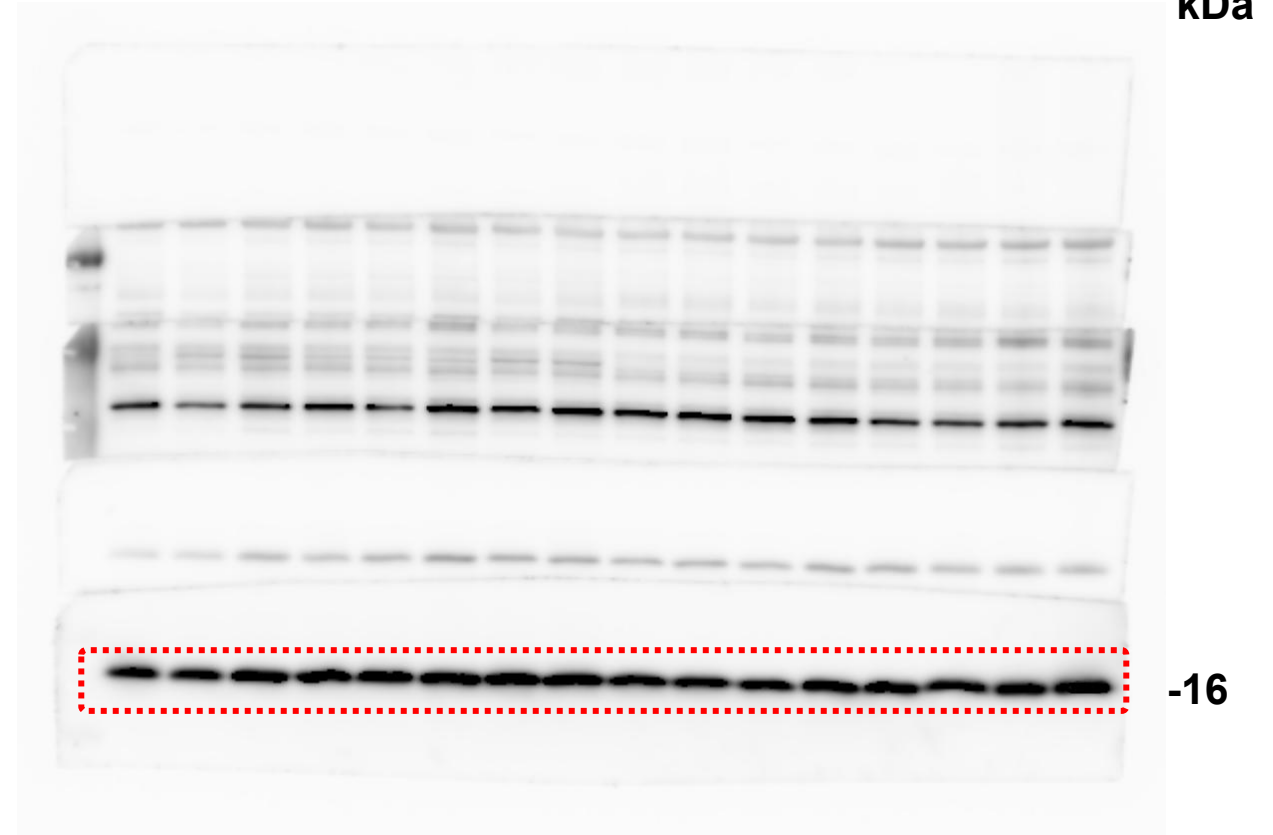
kDa



-45

SOD1

kDa



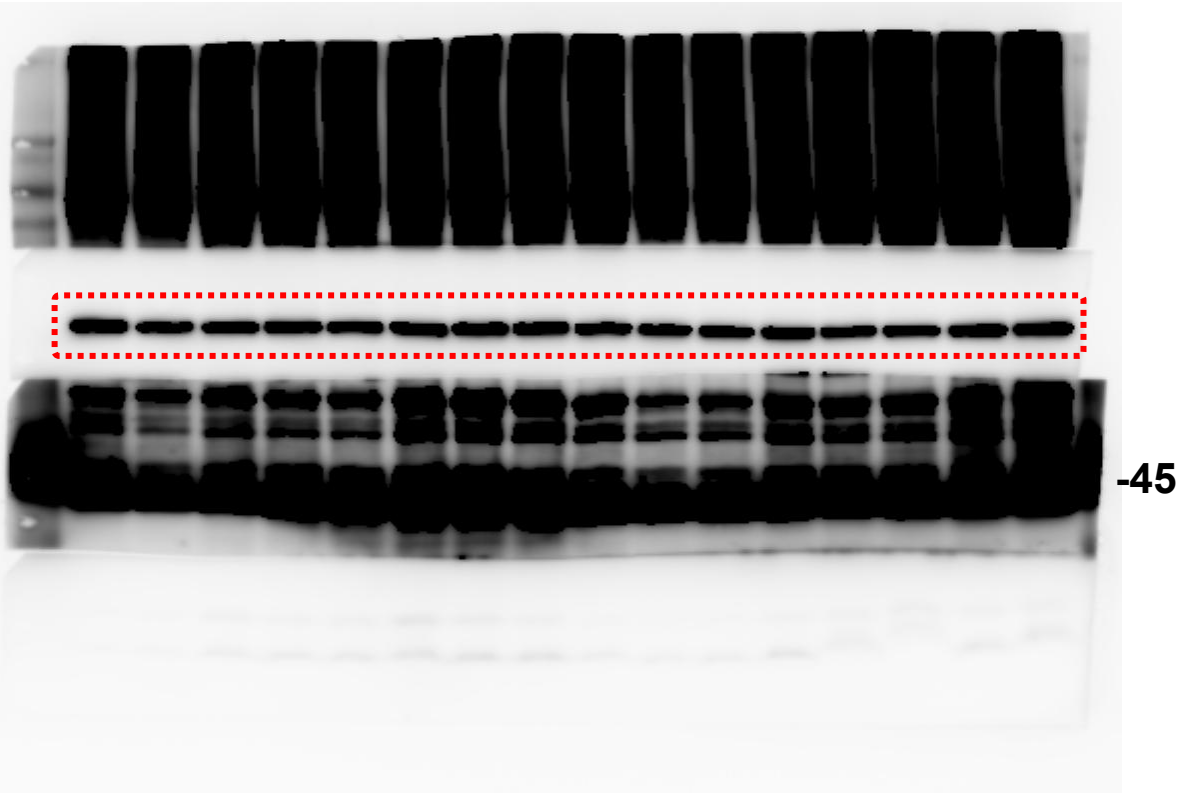
-16

**Note: 1. Separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 5D (SOD2-Full unedited blot)

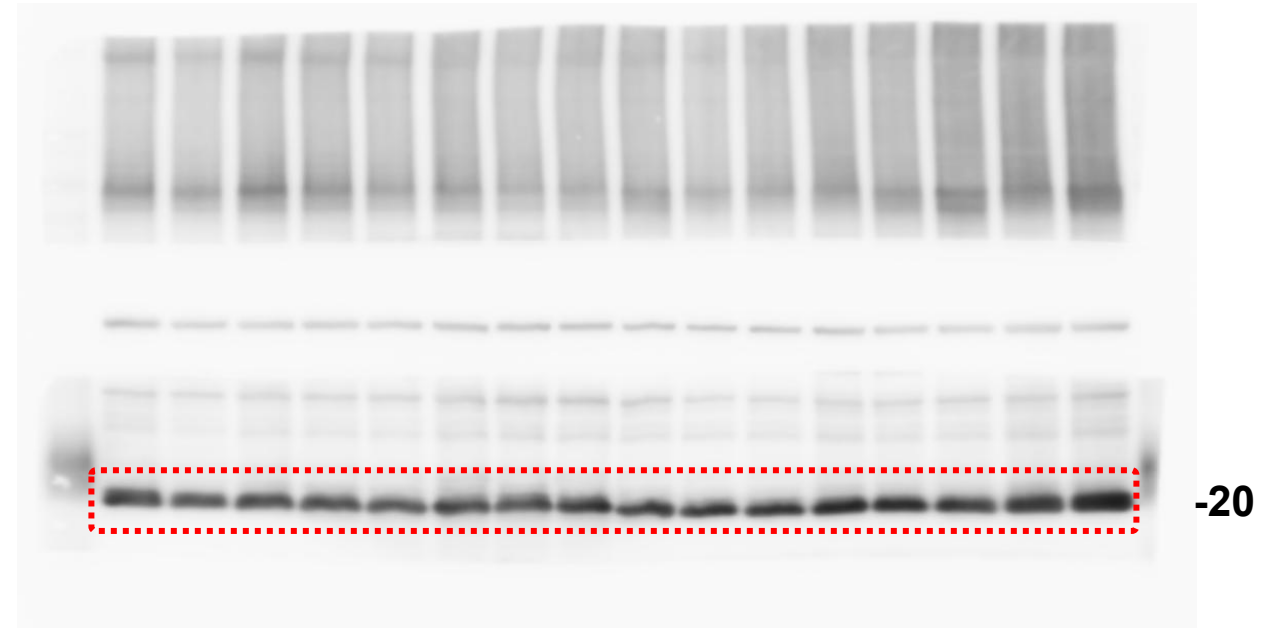
β -actin

kDa



SOD2

kDa



**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 5D (CAT-Full unedited blot)

β -actin

kDa

CAT

kDa

-45

-60

Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.

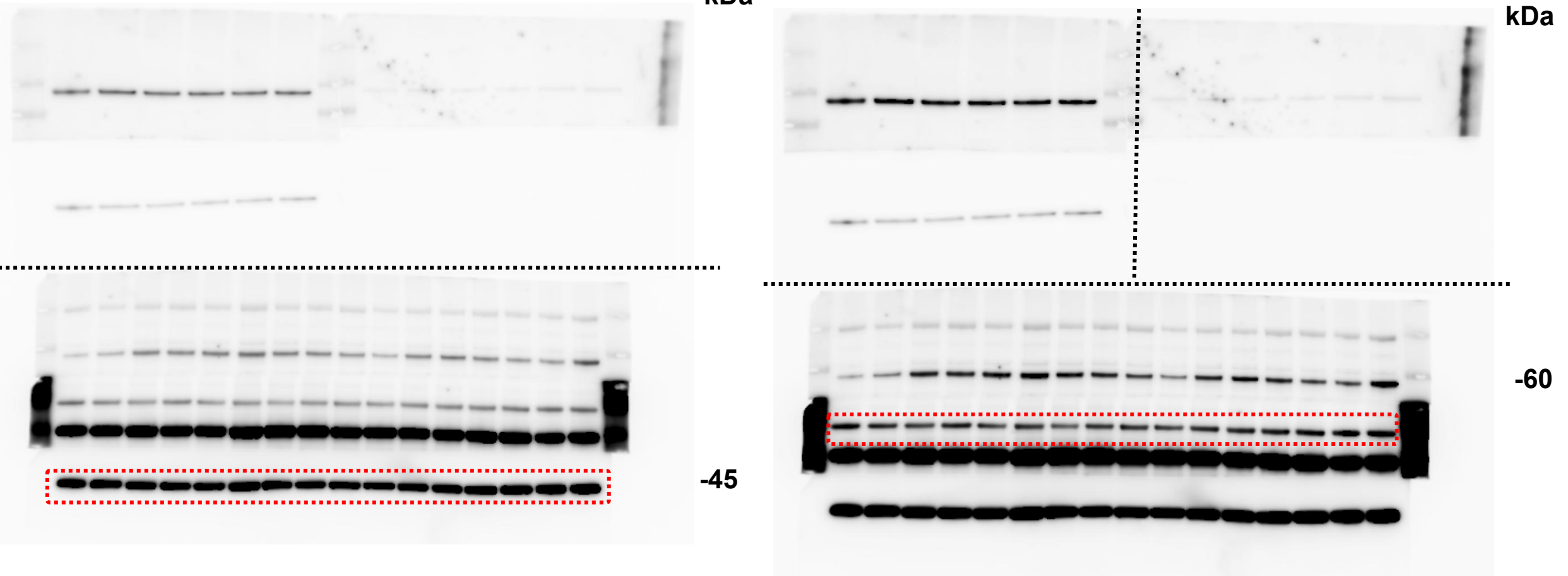
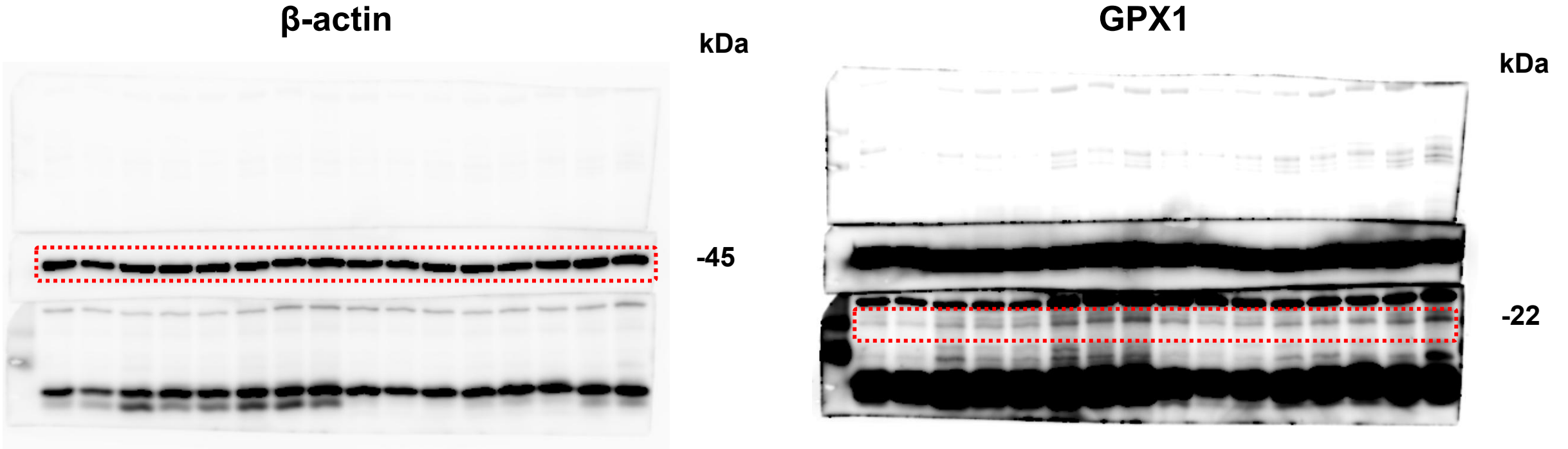
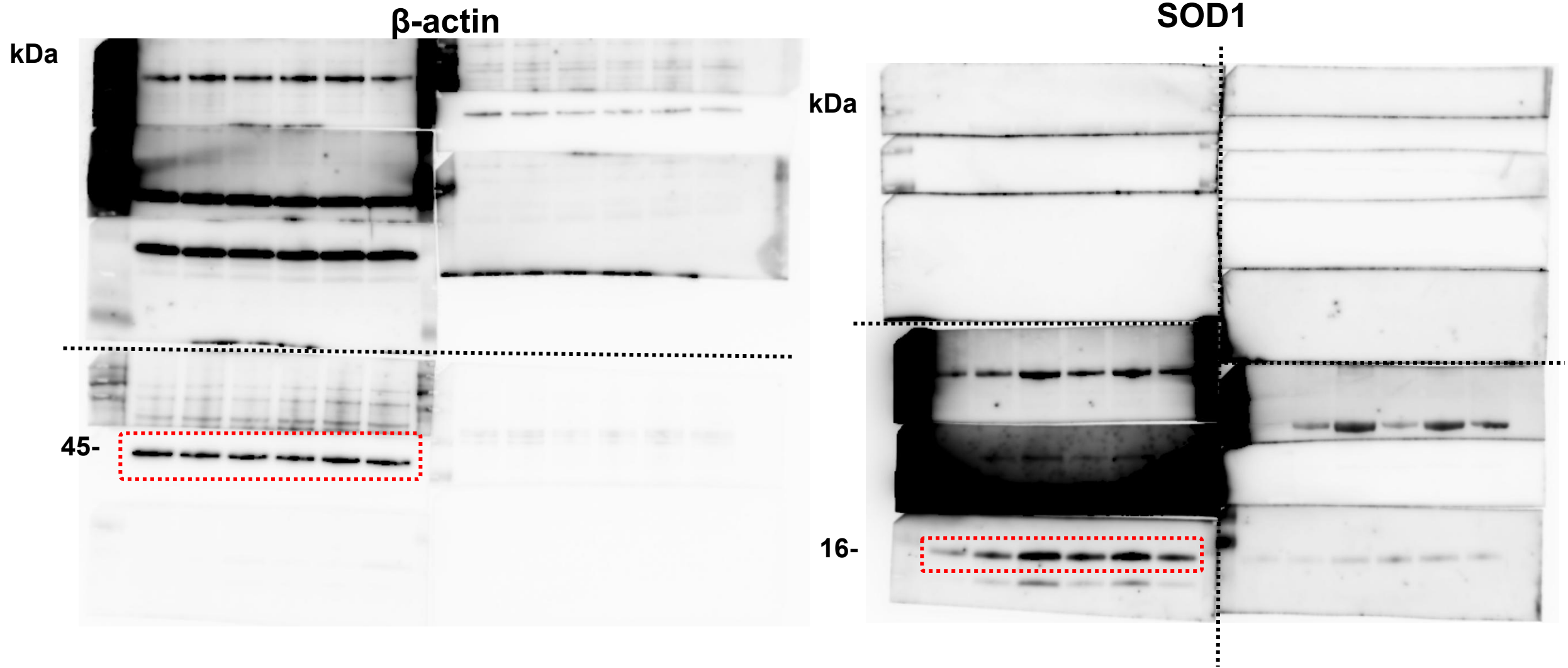


Fig. 5D (GPX1-Full unedited blot)



**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 5F (SOD1-Full unedited blot)



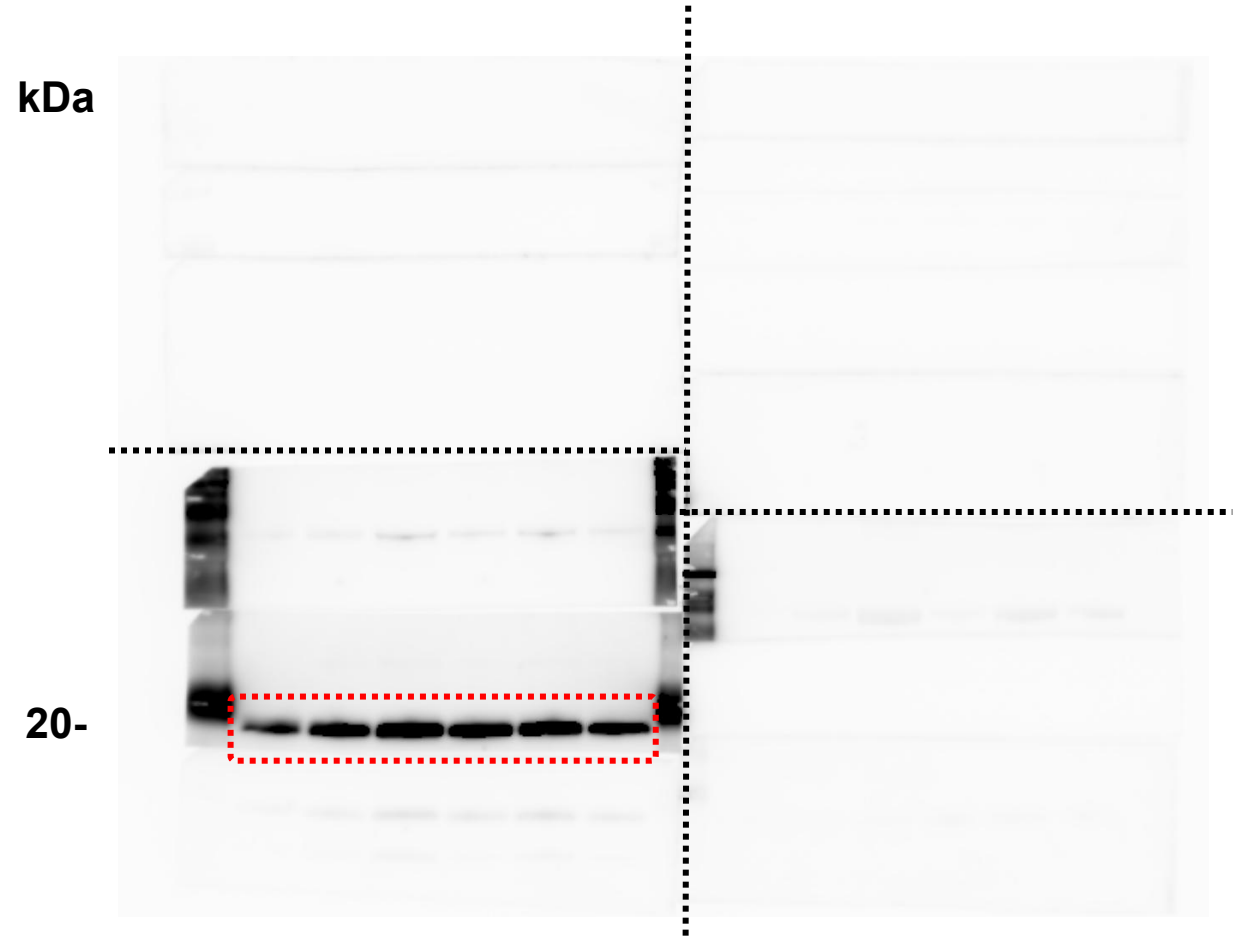
**Note: 1. Separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 5F (SOD2-Full unedited blot)

β -actin

SOD2

See Fig. 5F (SOD1-Full unedited blot)

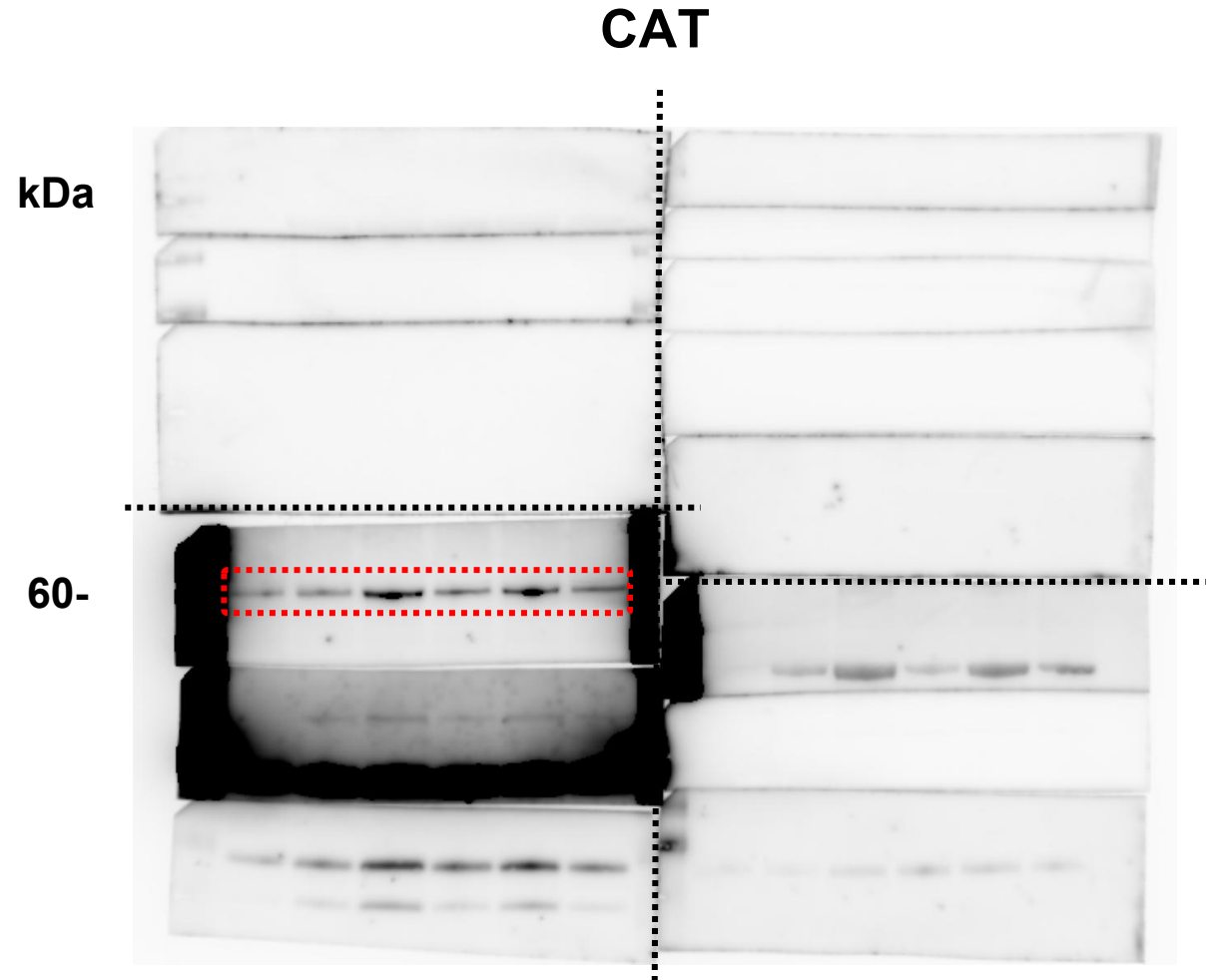


**Note: 1. Separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 5F (CAT-Full unedited blot)

β -actin

See Fig. 5F (SOD1-Full unedited blot)



**Note: 1. Separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.**

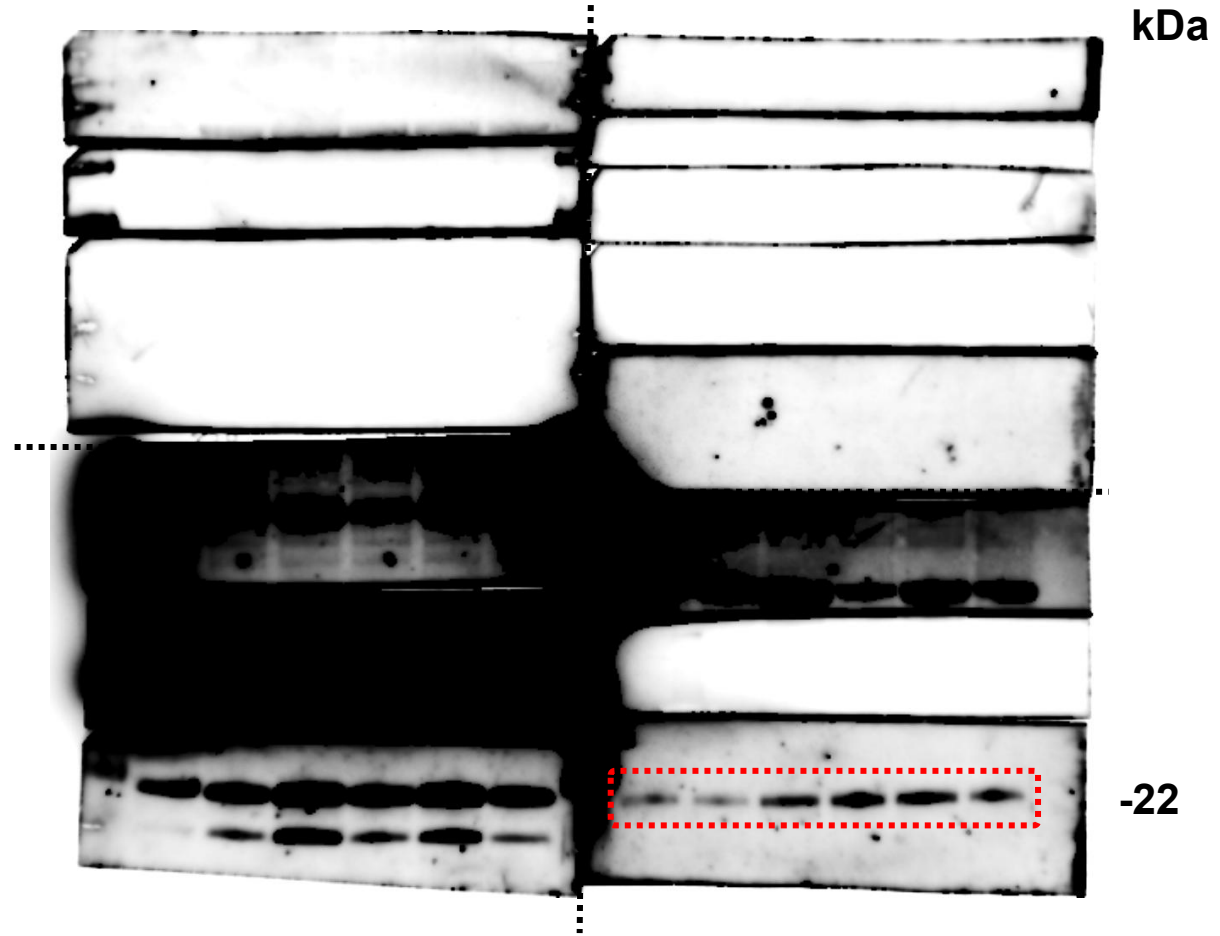
Fig. 5F (GPX1-Full unedited blot)

β -actin

GPX1

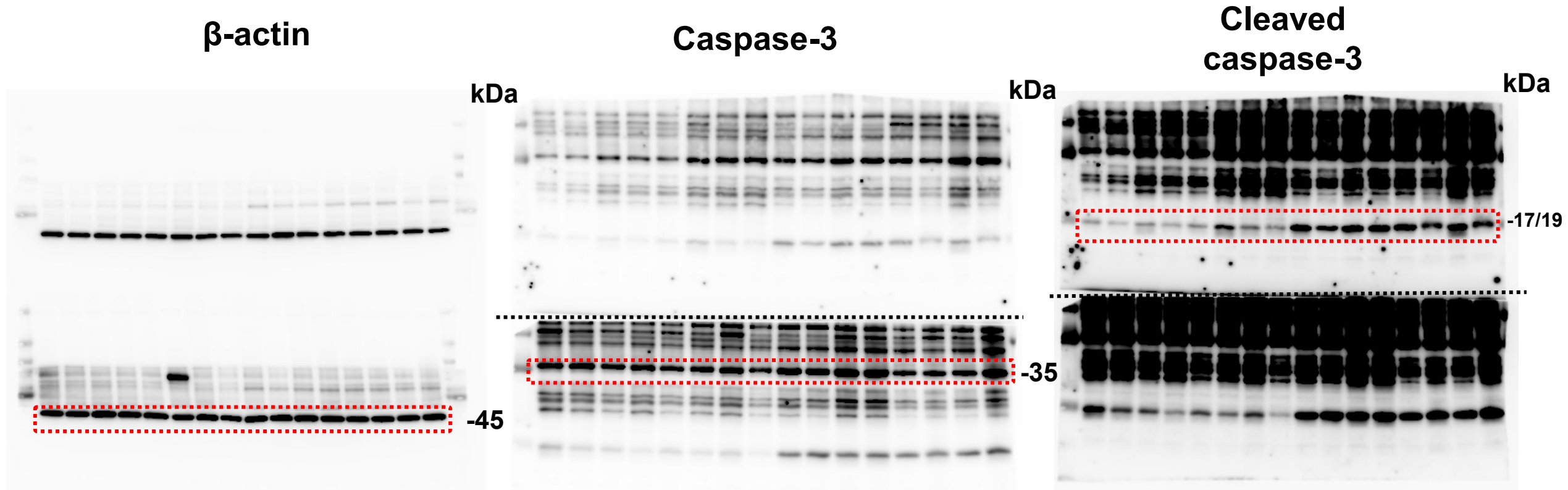
kDa

See Fig. 5F (SOD1-Full unedited blot)



Note: 1. Separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. 6C (Cleaved-caspase-3/Caspase-3-Full unedited blot)



Note: 1. In Cleaved caspase-3 and Caspase-3 expression, the same blot and different exposure times (short and long exposures shown) were used. Between Caspase-3 and β -actin expression, separate, noncontiguous lanes from the same samples were used for each antibody.

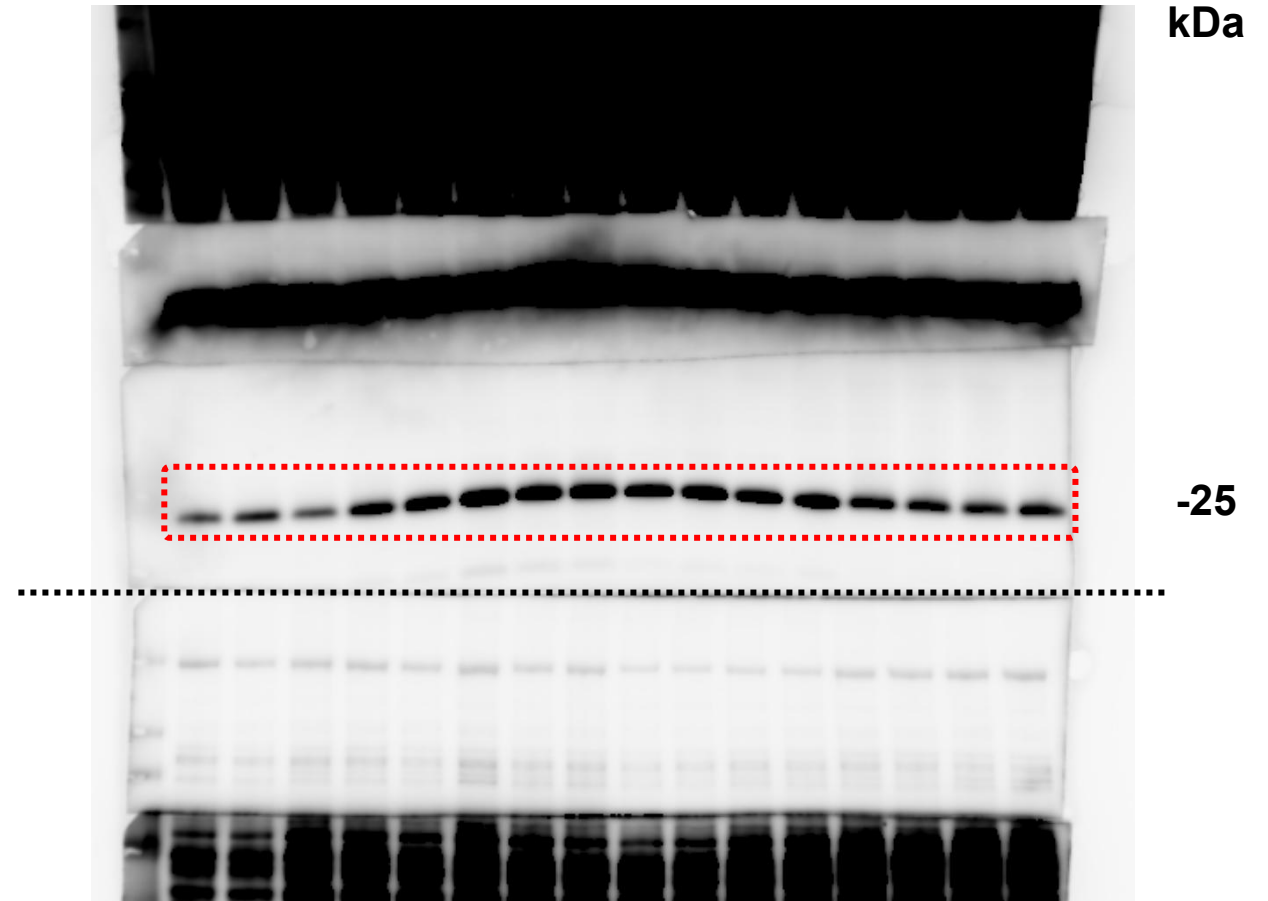
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. 6C (BAK-Full unedited blot)

β -actin

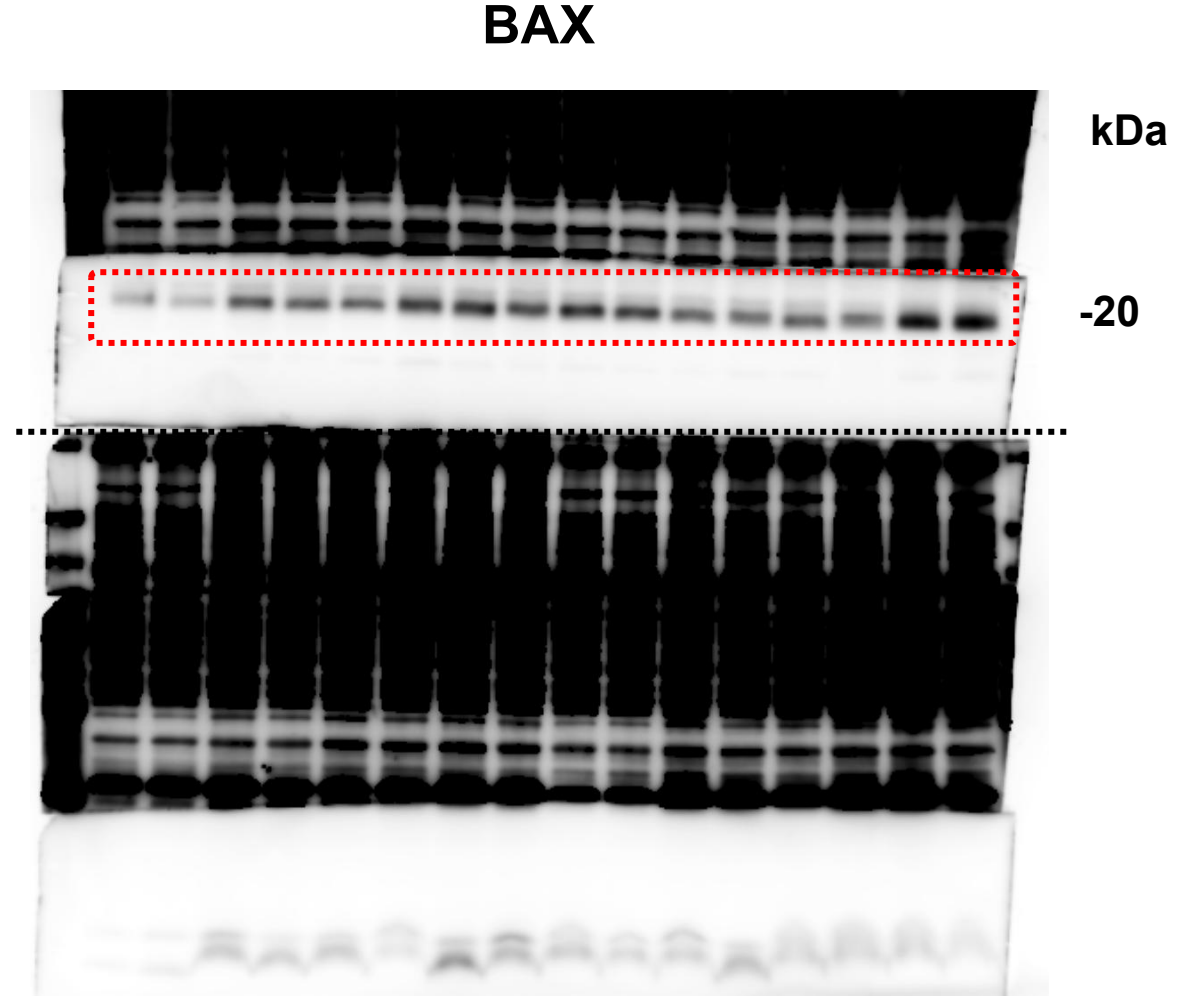
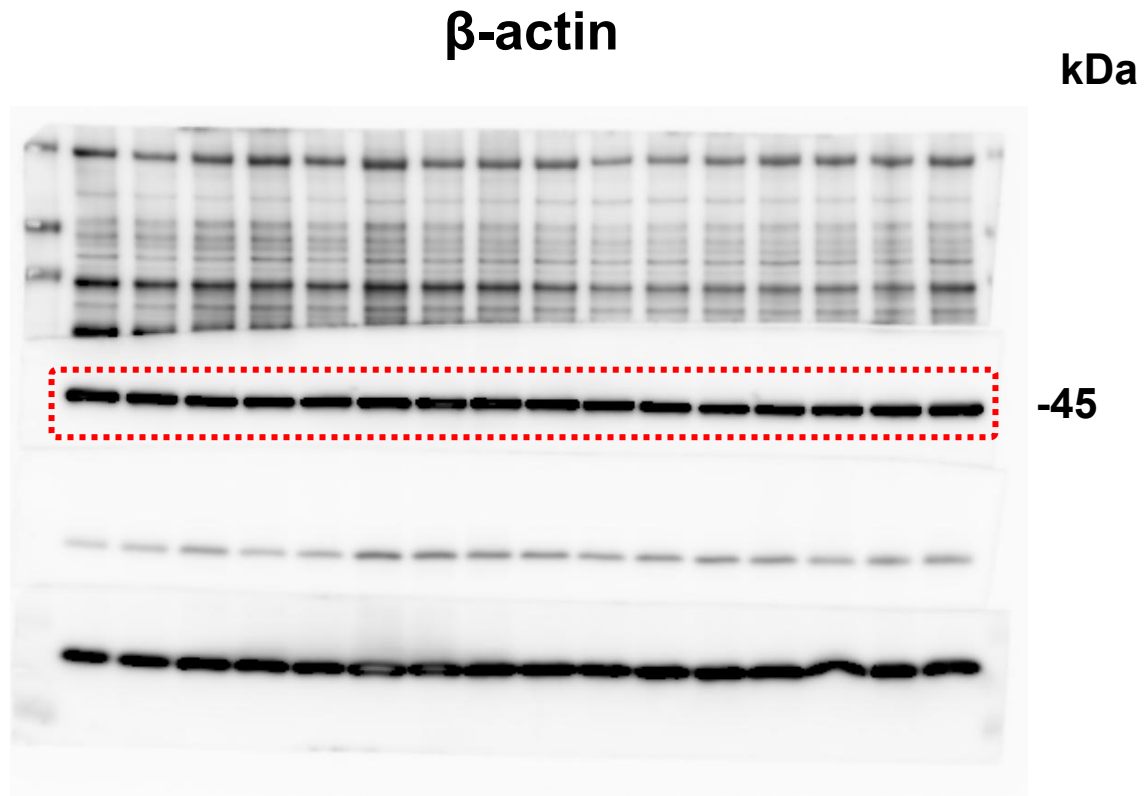
BAK

See Fig. 1H (CPT1-Full unedited blot)



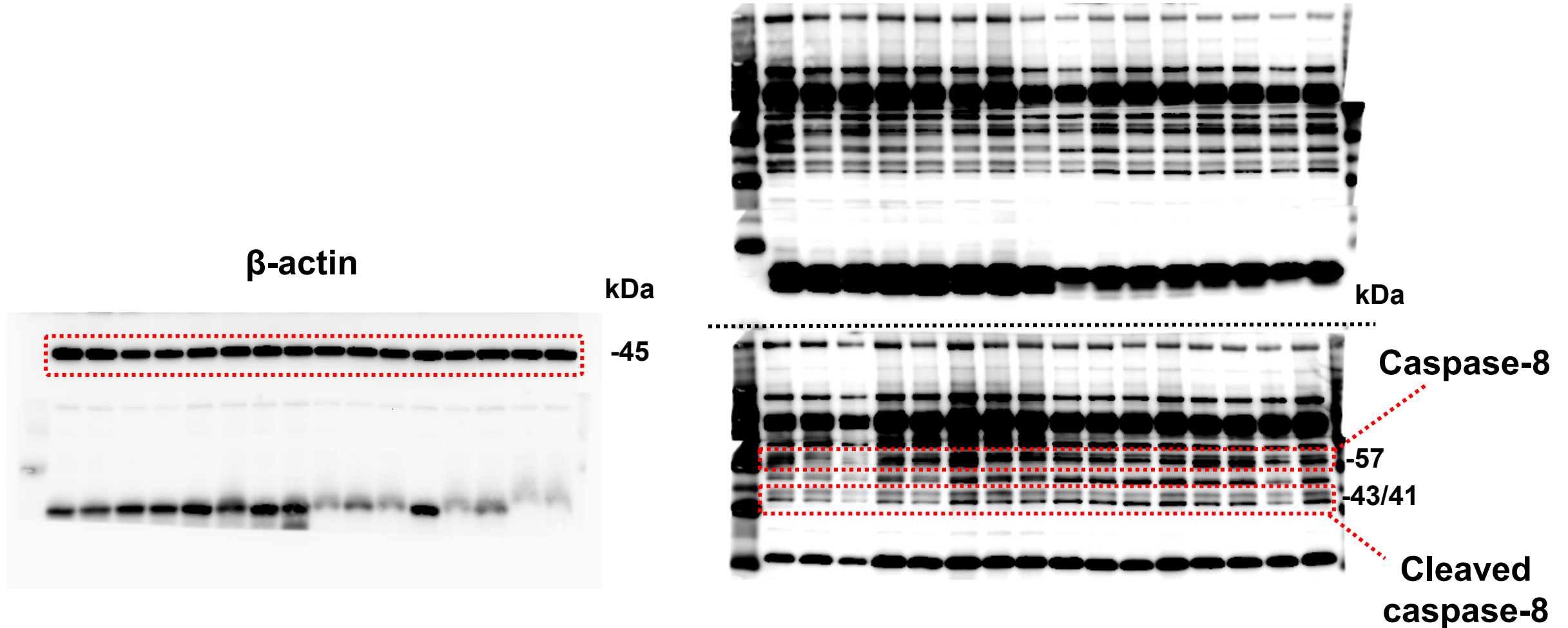
Note: 1. The same blot and different exposure times (short and long exposures shown) were used. β -actin loading control for BAK was obtained from the same gel with CPT1.
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. 6C (BAX-Full unedited blot)



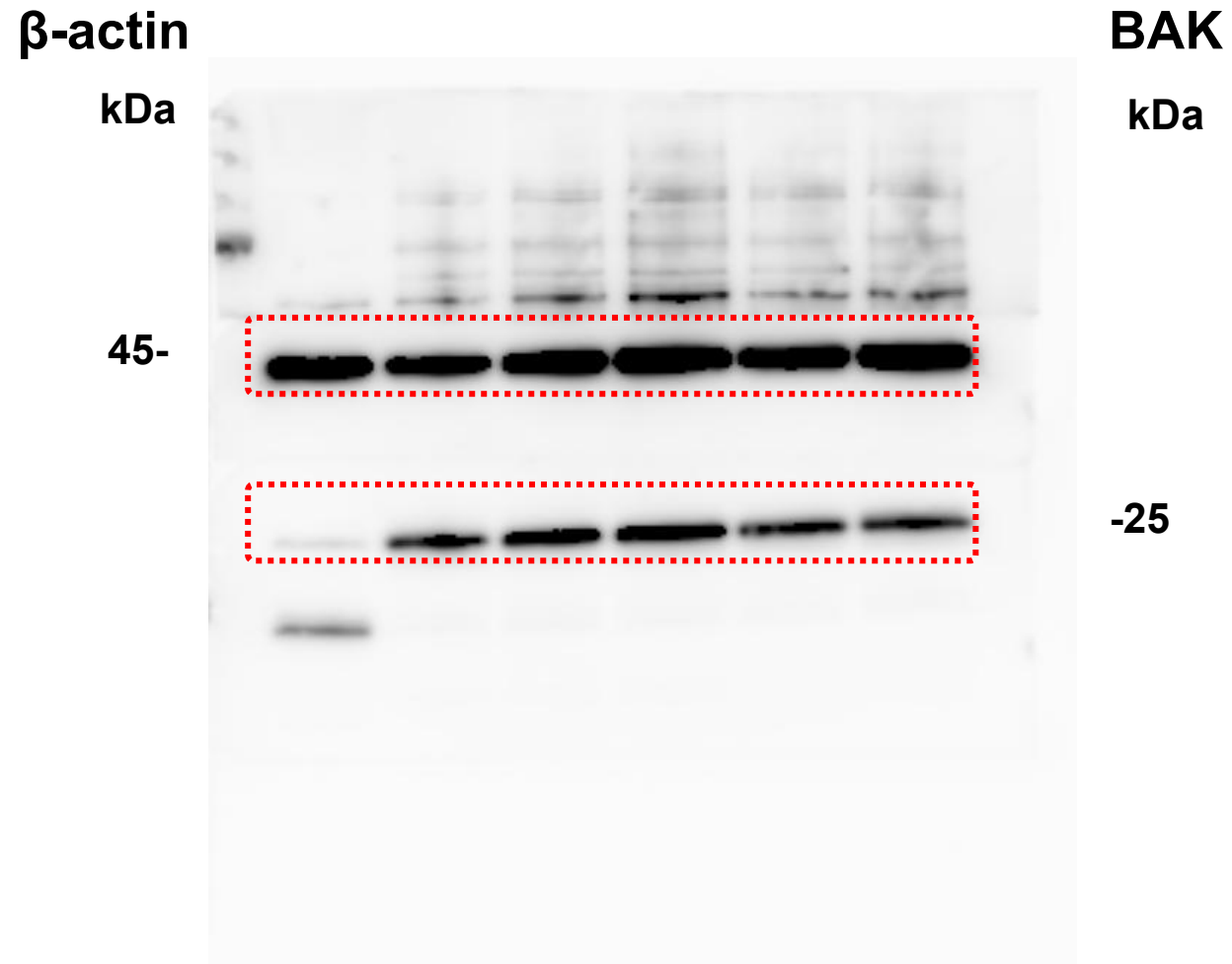
**Note: 1. Separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. 6C (Cleaved-caspase-8/Caspase-8-Full unedited blot)



Note: 1. In Cleaved-caspase-8 and Caspase-8 expression, the same blot was used. Between Caspase-e and β -actin expression, separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.

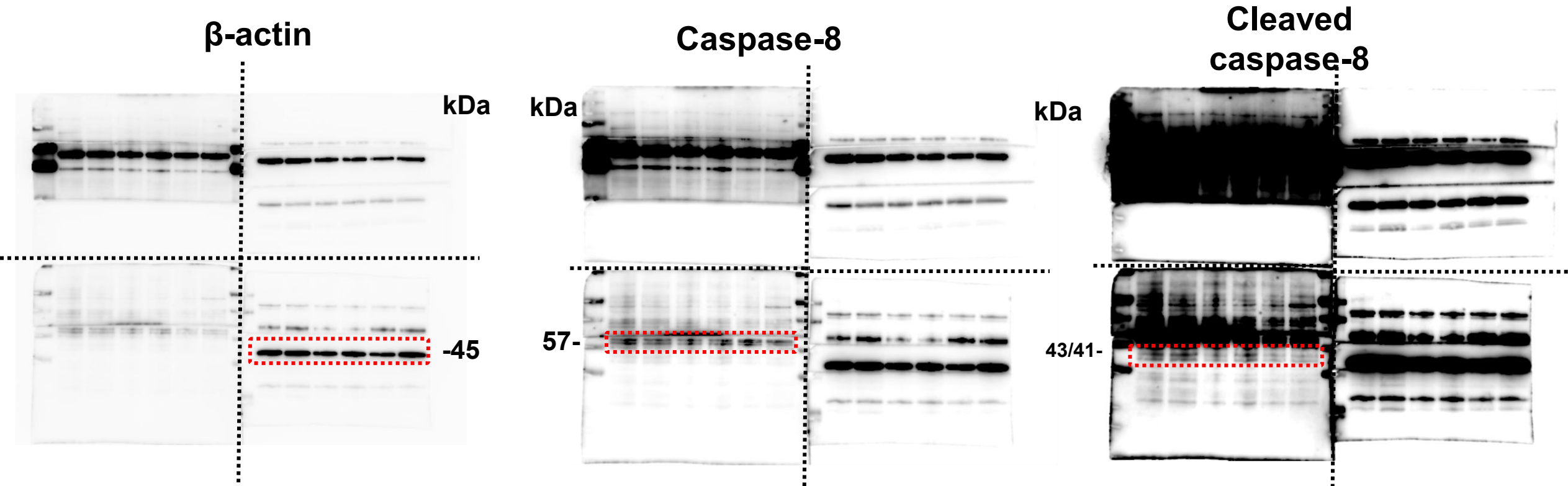
Fig. 6E (BAK-Full unedited blot)



Note: 1. The same blot was used.

2. Bands used in Figures are indicated by boxes in red outlines.

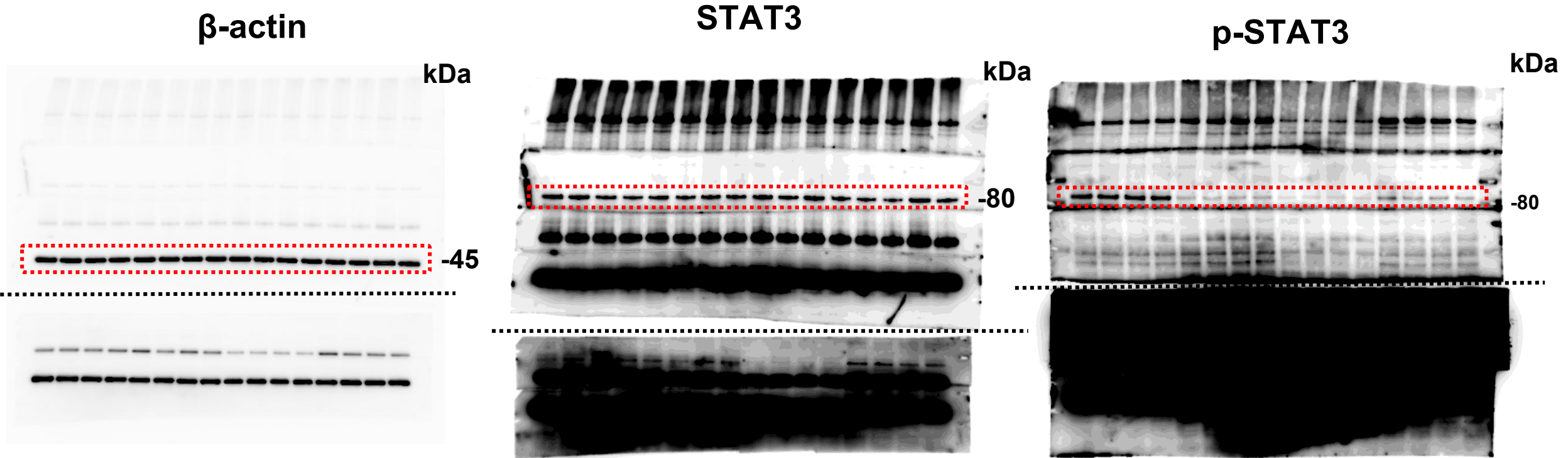
Fig. 6E (Cleaved-caspase-8/Caspase-8-Full unedited blot)



Note: 1. In Cleaved caspase-8 and Caspase-8 expression, the same blot and different exposure times (short and long exposures shown) were used. Between Caspase-8 and β -actin expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

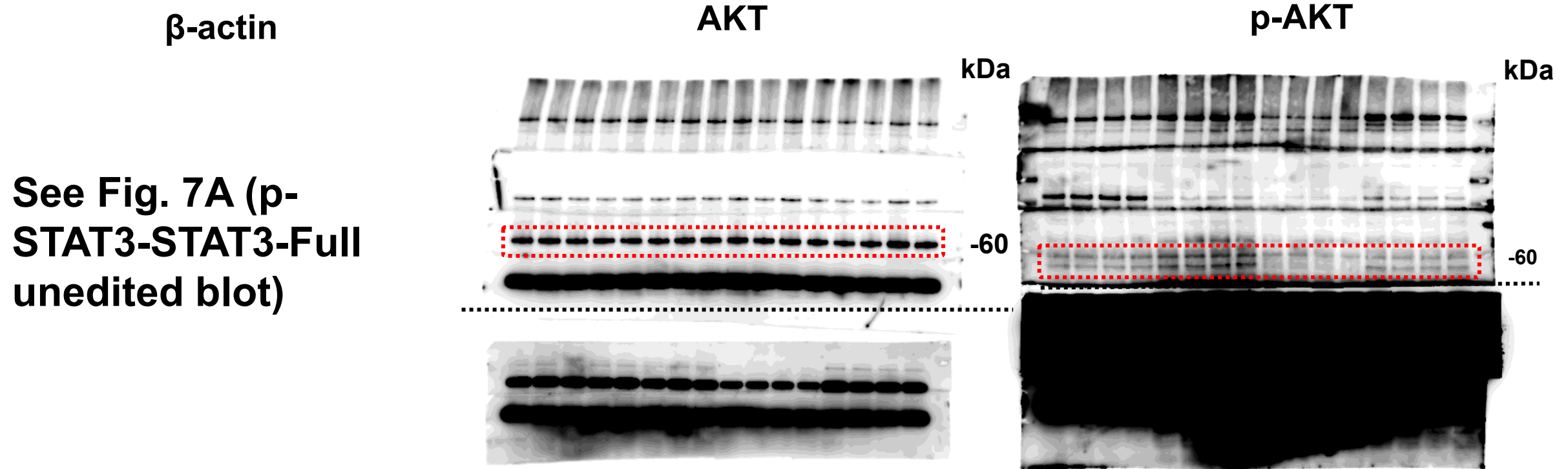
Fig. 7A (p-STAT3-STAT3-Full unedited blot)



Note: 1. In STAT3 and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-STAT3 and STAT3 expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

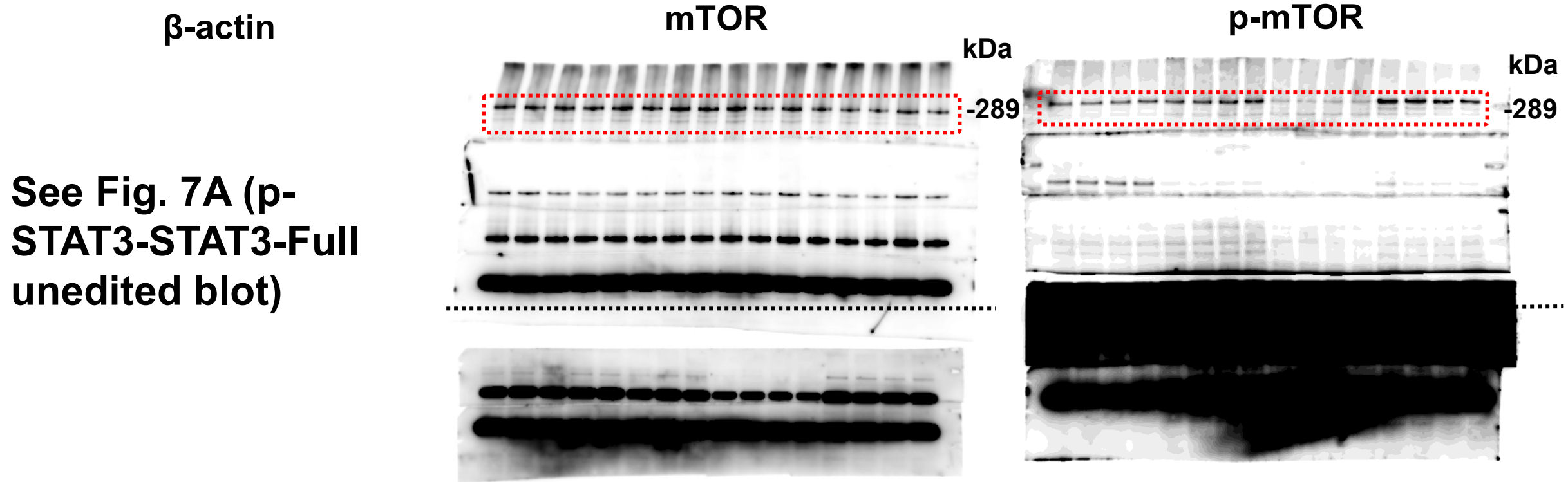
Fig. 7A (p-AKT-AKT-Full unedited blot)



See Fig. 7A (p-STAT3-STAT3-Full unedited blot)

- Note: 1. In AKT and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-AKT and AKT expression, separate, noncontiguous lanes from the same samples were used for each antibody.**
- 2. Bands used in Figures are indicated by boxes in red outlines.**

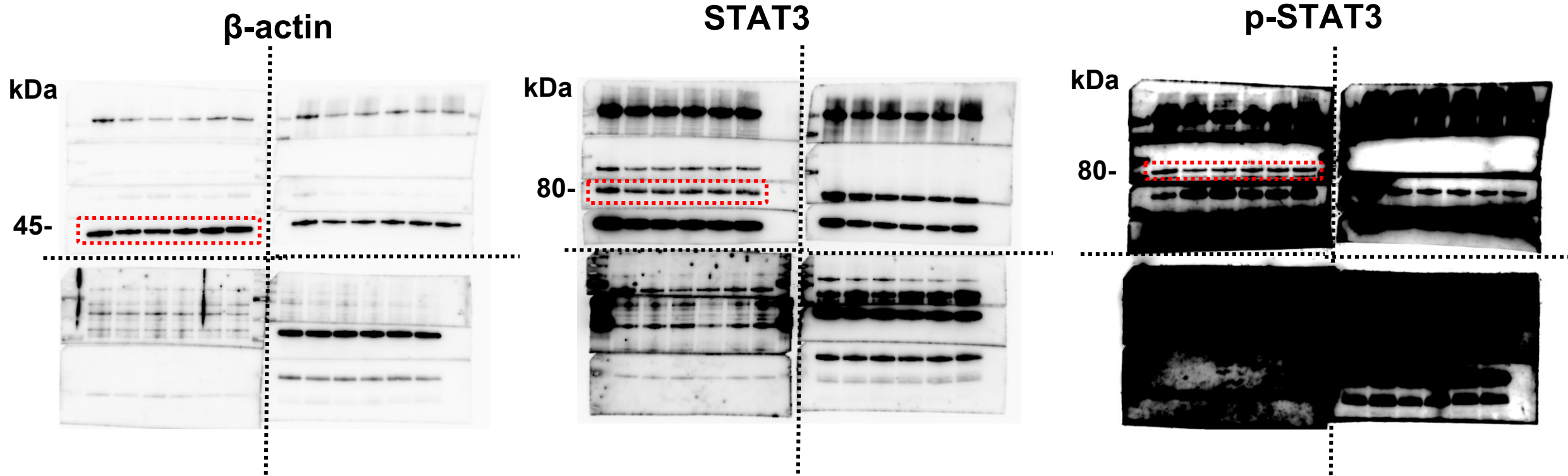
Fig. 7A (p-mTOR-,TOR-Full unedited blot)



Note: 1. In mTOR and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-mTOR and mTOR expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

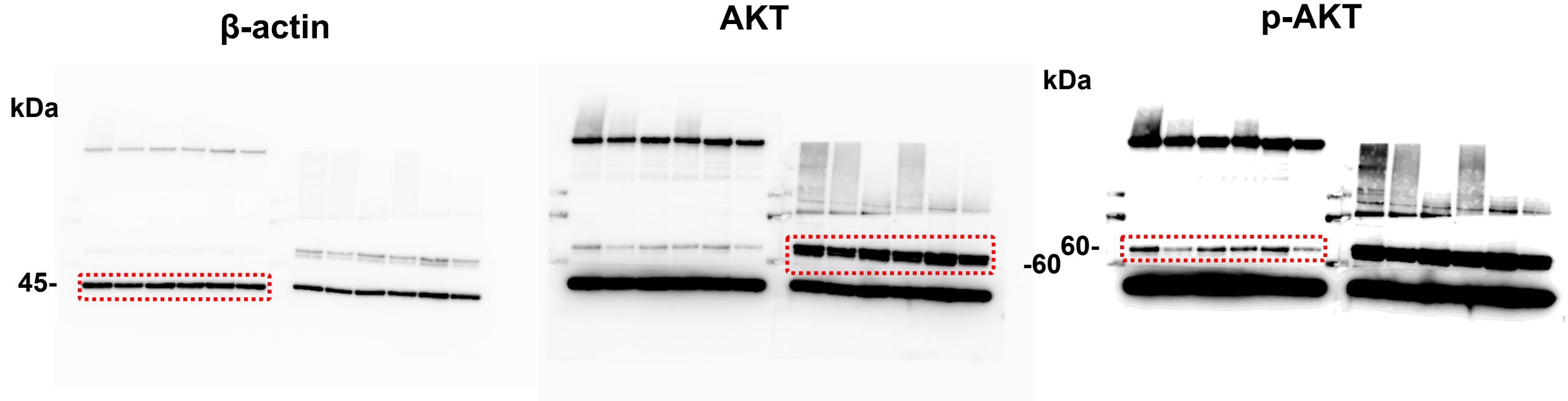
Fig. 7B (p-STAT3-STAT3-Full unedited blot)



Note: 1. In STAT3 and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-STAT3 and STAT3 expression, separate, noncontiguous lanes from the same samples were used for each antibody.

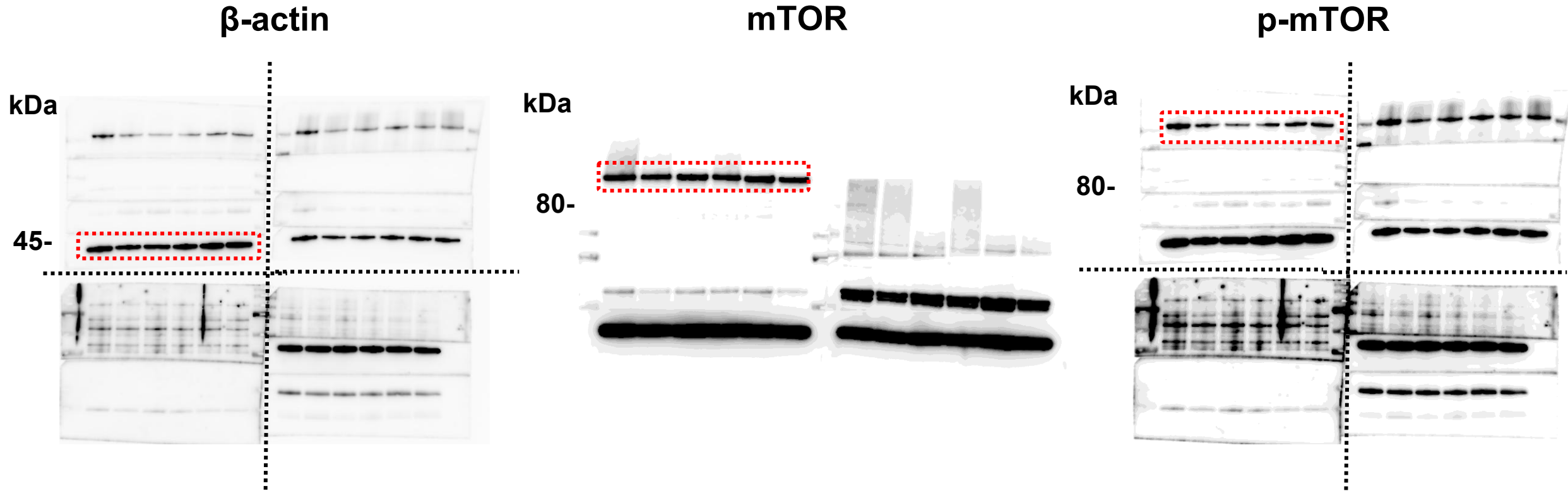
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. 7B (p-AKT-AKT-Full unedited blot)



Note: 1. The same blot and different exposure times (short and long exposures shown) were used. 2. Bands used in Figures are indicated by boxes in red outlines.

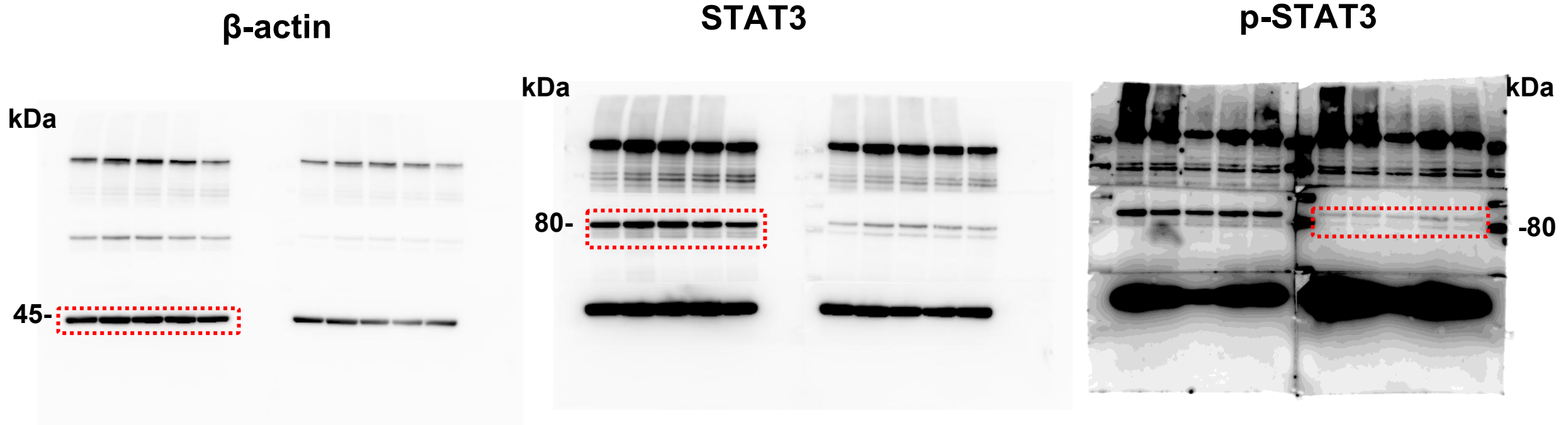
Fig. 7B (p-mTOR-mTOR-Full unedited blot)



Note: 1. In p-mTOR and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-mTOR and mTOR expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

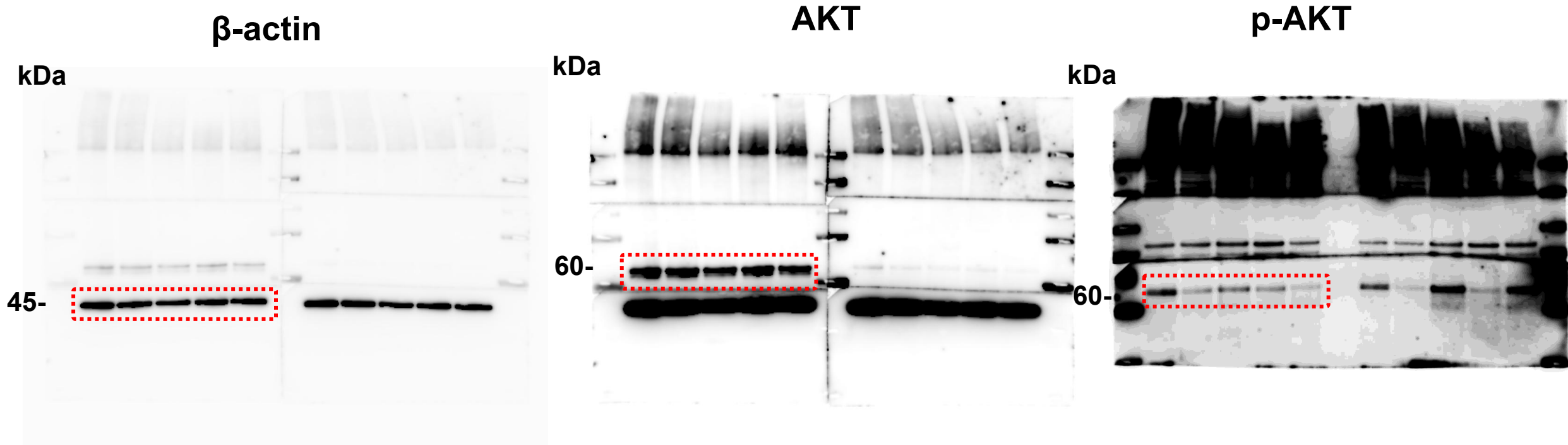
Fig. 7C (p-STAT3-STAT3-Full unedited blot)



Note: 1. In STAT3 and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-STAT3 and STAT3 expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

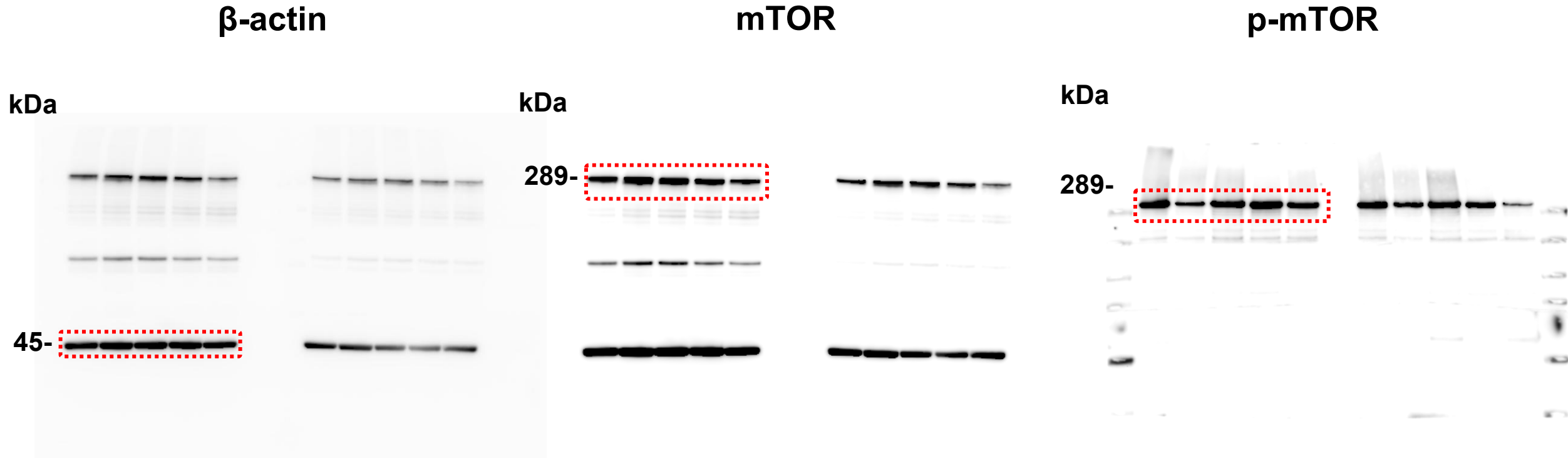
Fig. 7C (p-AKT-AKT-Full unedited blot)



Note: 1. In AKT and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-AKT and AKT expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

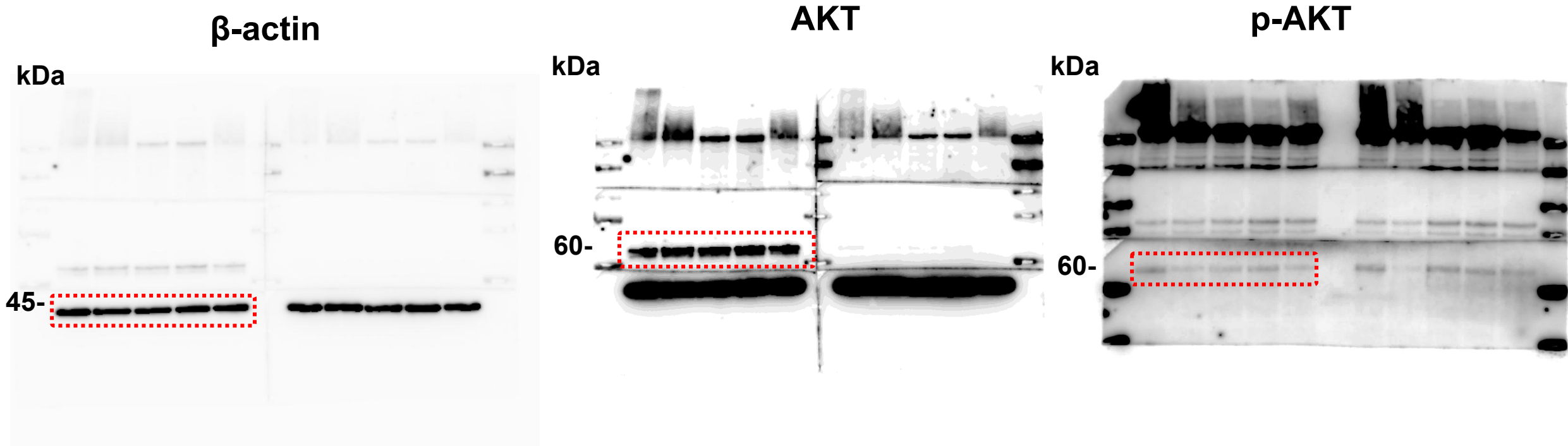
Fig. 7C (p-mTOR-mTOR-Full unedited blot)



Note: 1. In p-mTOR and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-mTOR and mTOR expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

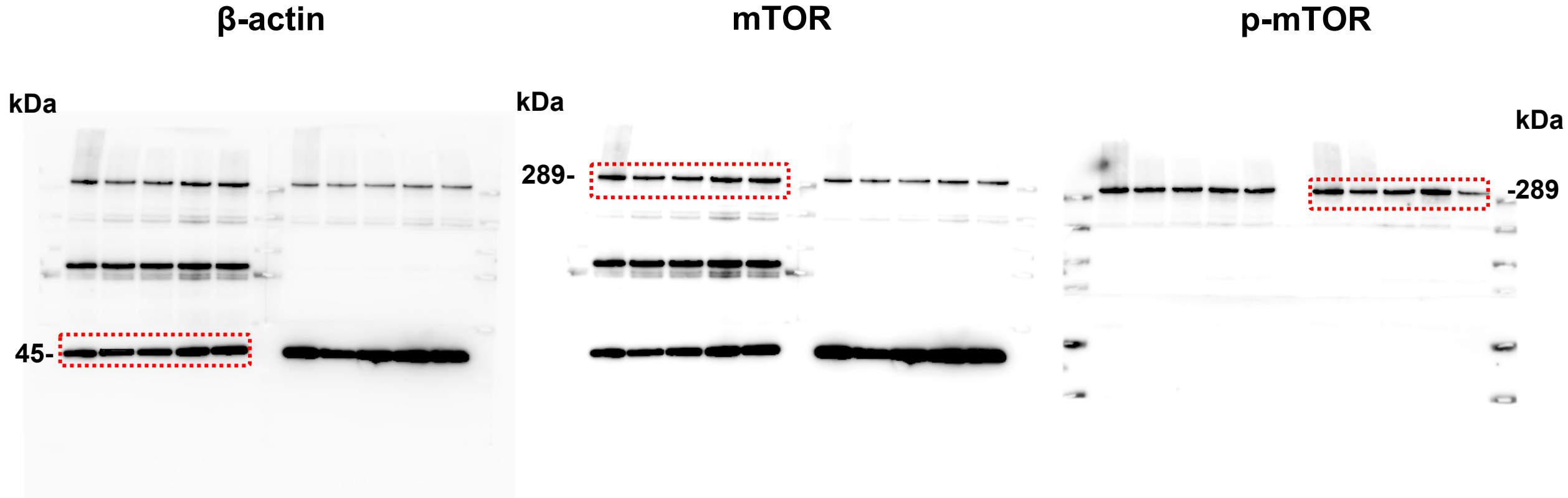
Fig. 7D (p-AKT-AKT-Full unedited blot)



Note: 1. In AKT and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-AKT and AKT expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

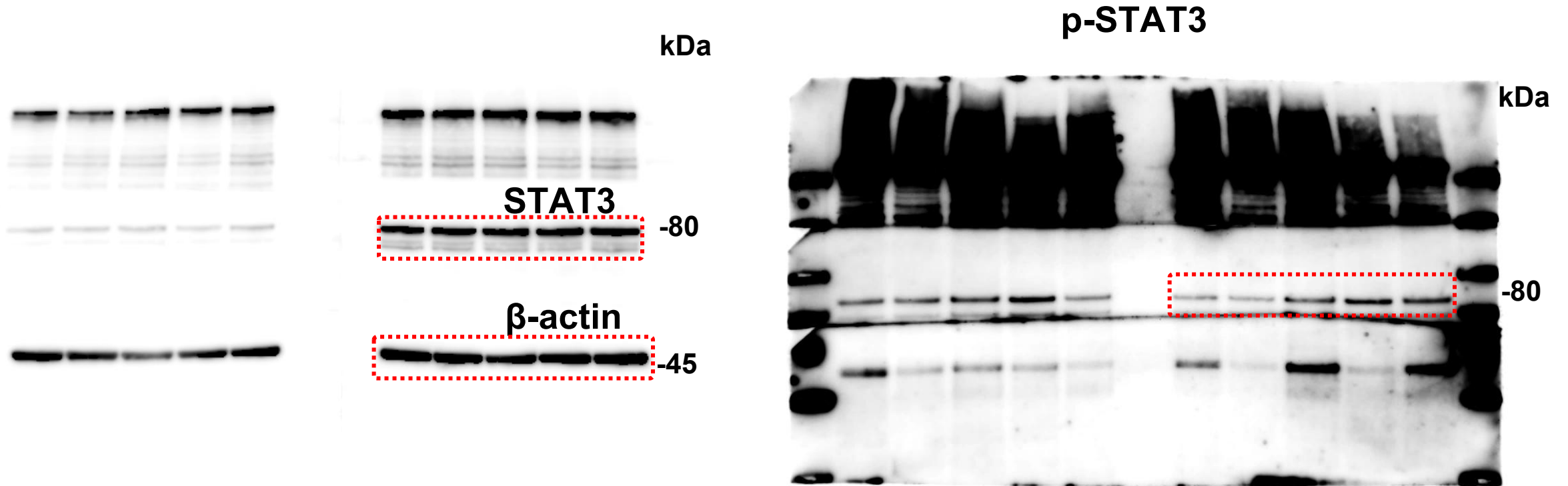
Fig. 7D (p-mTOR-mTOR-Full unedited blot)



Note: 1. In p-mTOR and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-mTOR and mTOR expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

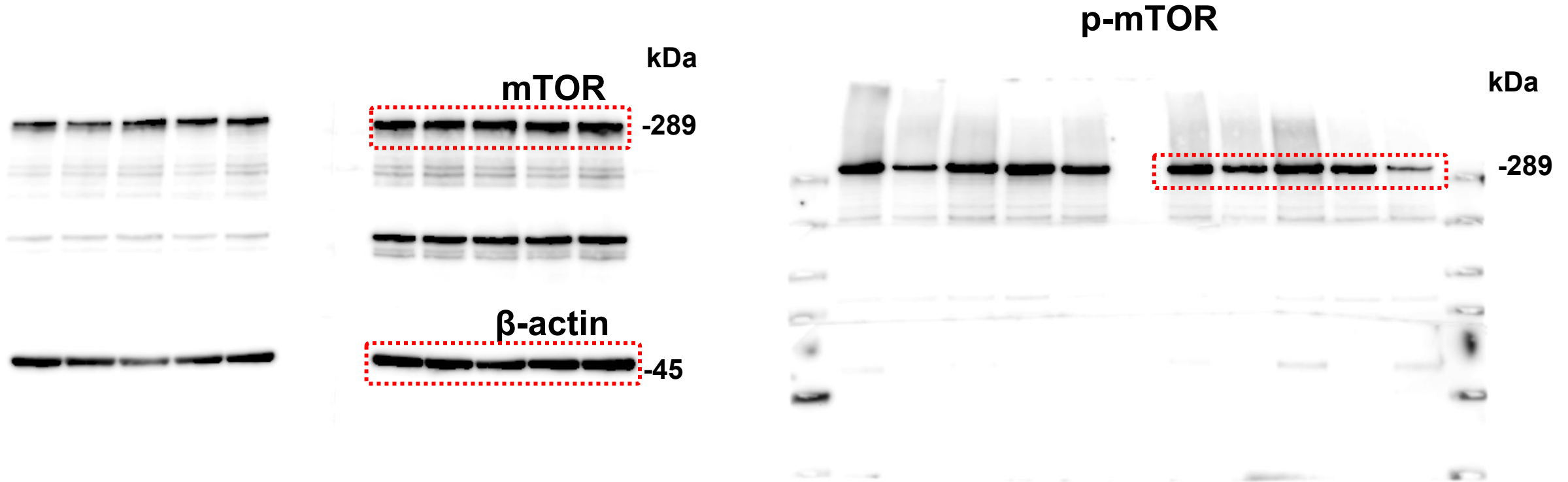
Fig. 7E (p-STAT3-STAT3-Full unedited blot)



Note: 1. In STAT3 and β -actin expression, the same blot was used. Between p-STAT3 and STAT3 expression, separate, noncontiguous lanes from the same samples were used for each antibody.

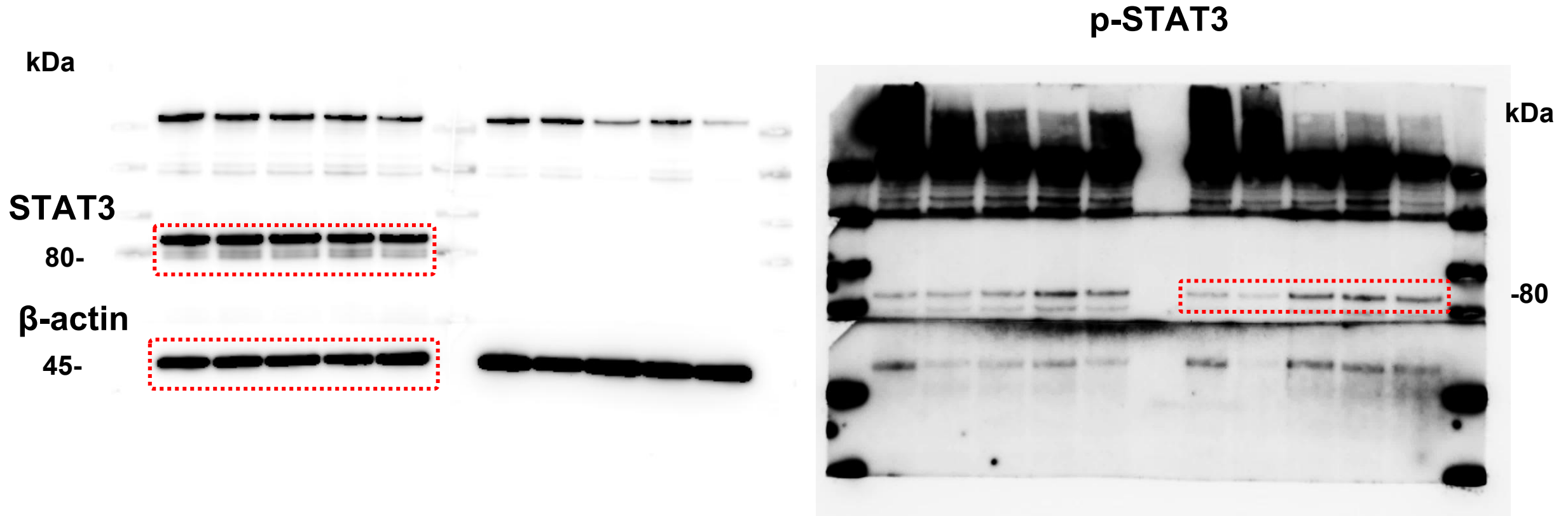
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. 7E (p-mTOR-mTOR-Full unedited blot)



Note: 1. In p-mTOR and β -actin expression, the same blot was used. Between p-mTOR and mTOR expression, separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.

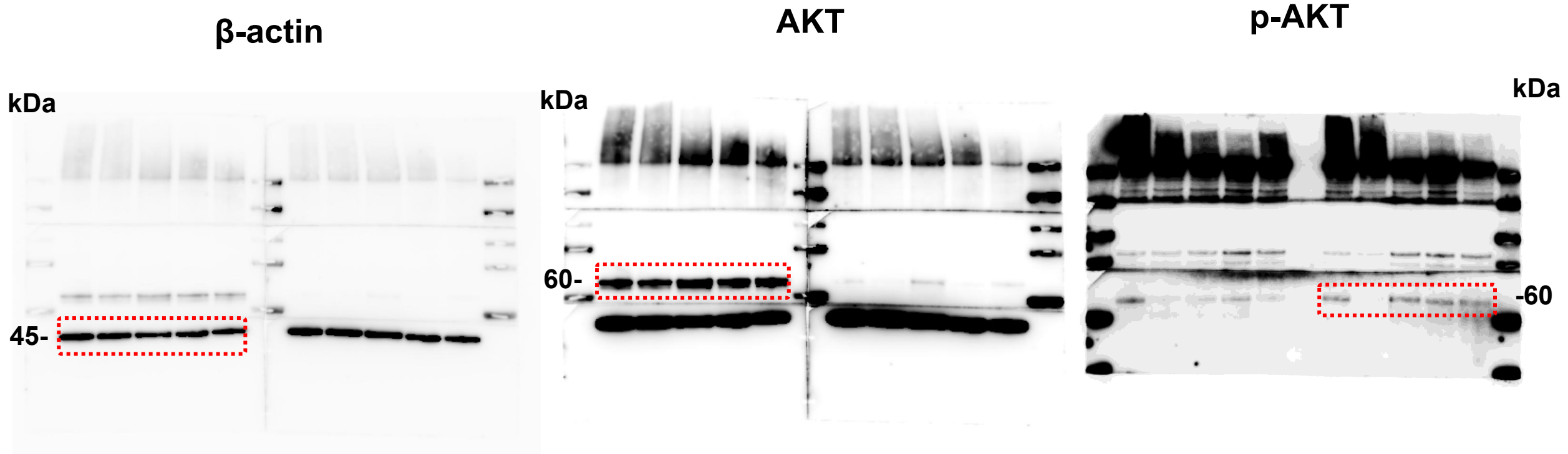
Fig. 7F (p-STAT3-STAT3-Full unedited blot)



Note: 1. In STAT3 and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-STAT3 and STAT3 expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

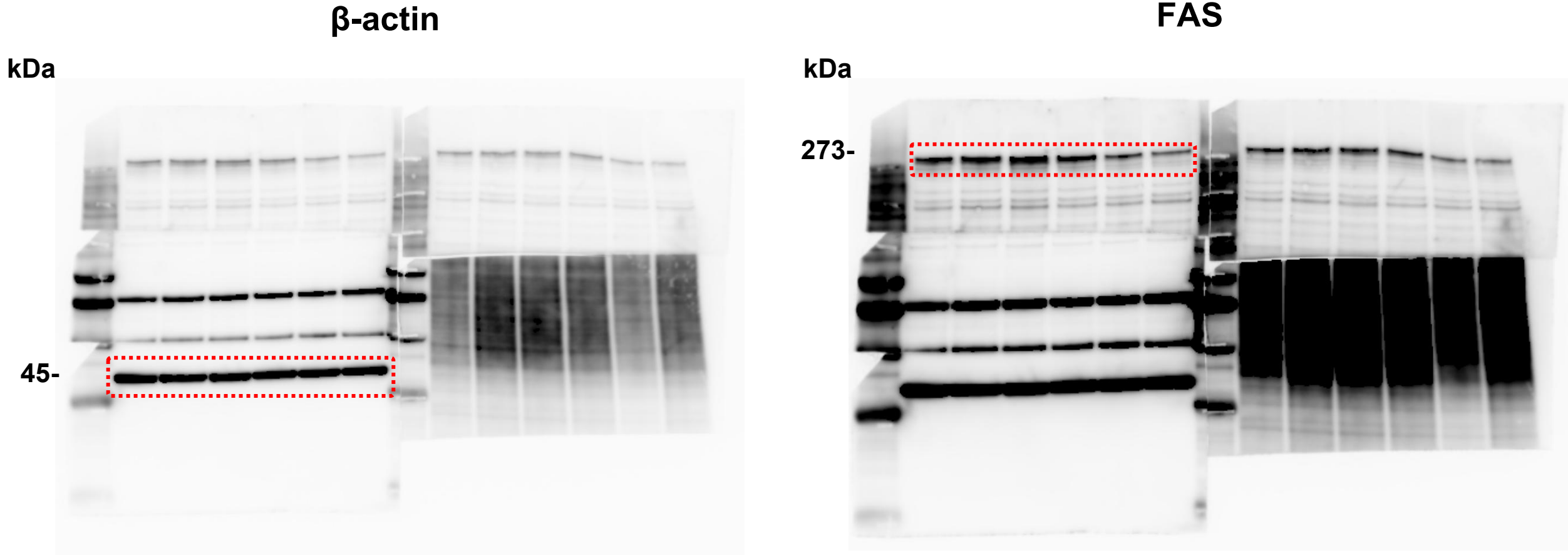
Fig. 7F (p-AKT-AKT-Full unedited blot)



Note: 1. In AKT and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-AKT and AKT expression, separate, noncontiguous lanes from the same samples were used for each antibody.

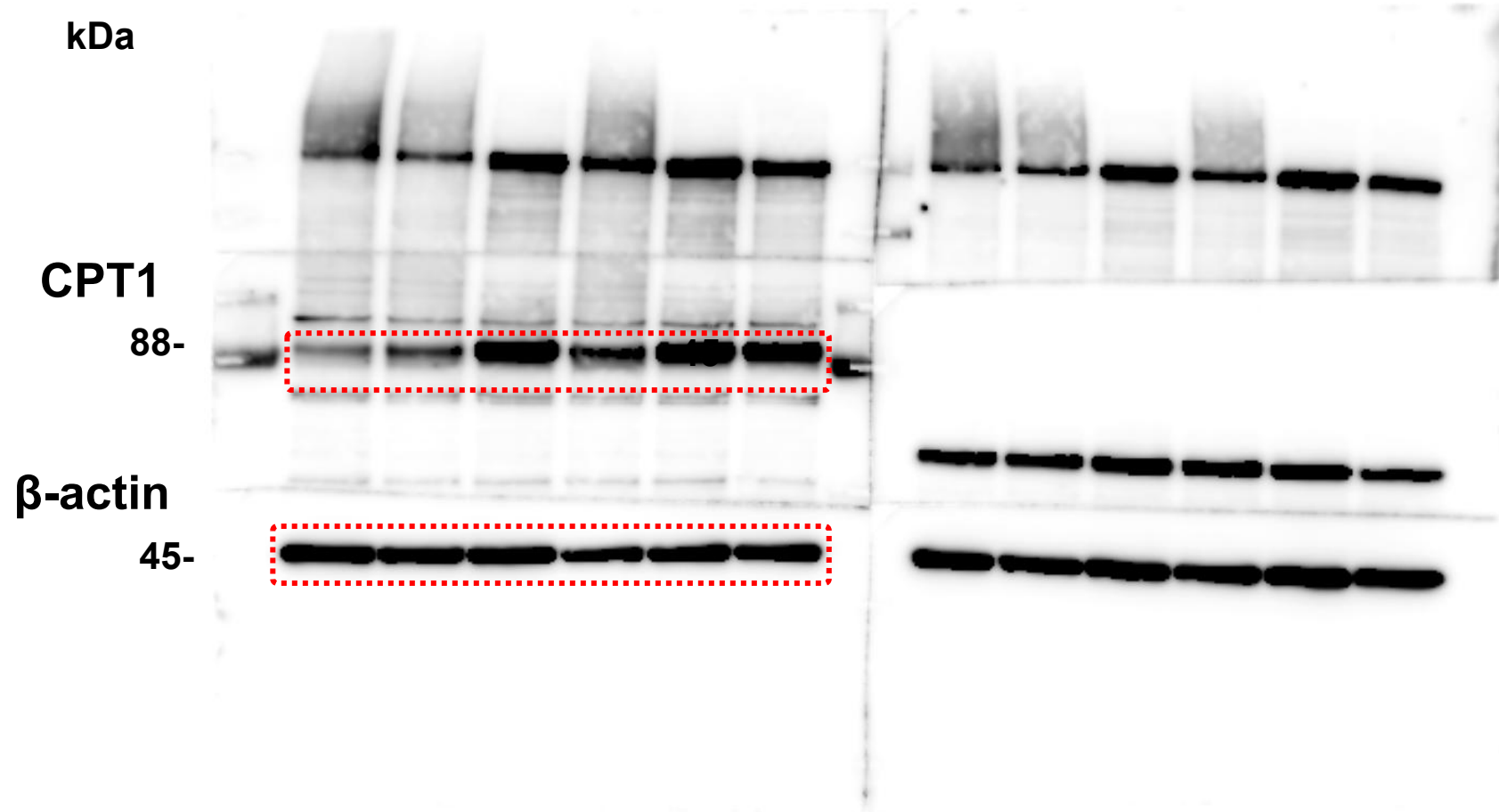
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. S2C (FAS-Full unedited blot)



**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

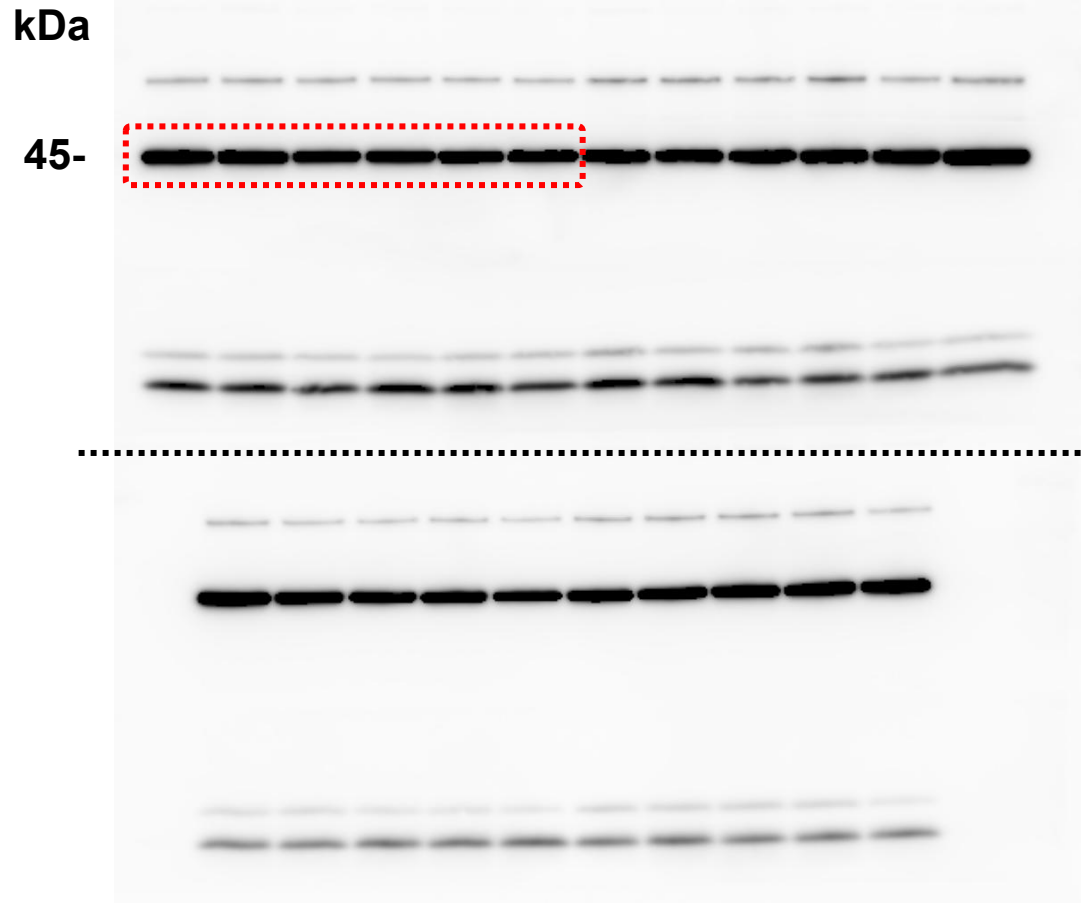
Fig. S2C (CPT1-Full unedited blot)



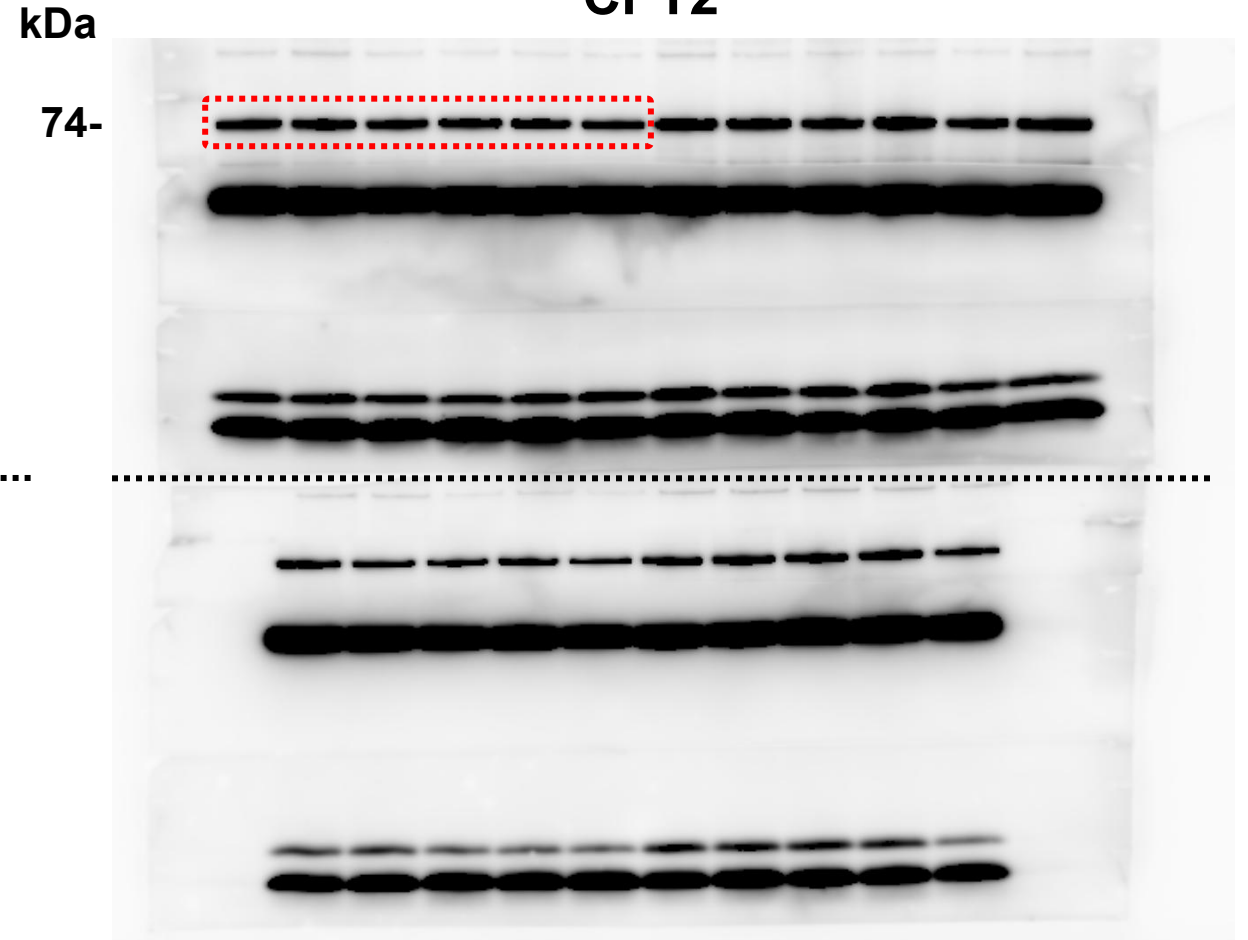
**Note: 1. The same blot was used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. S2C (CPT2-Full unedited blot)

β -actin

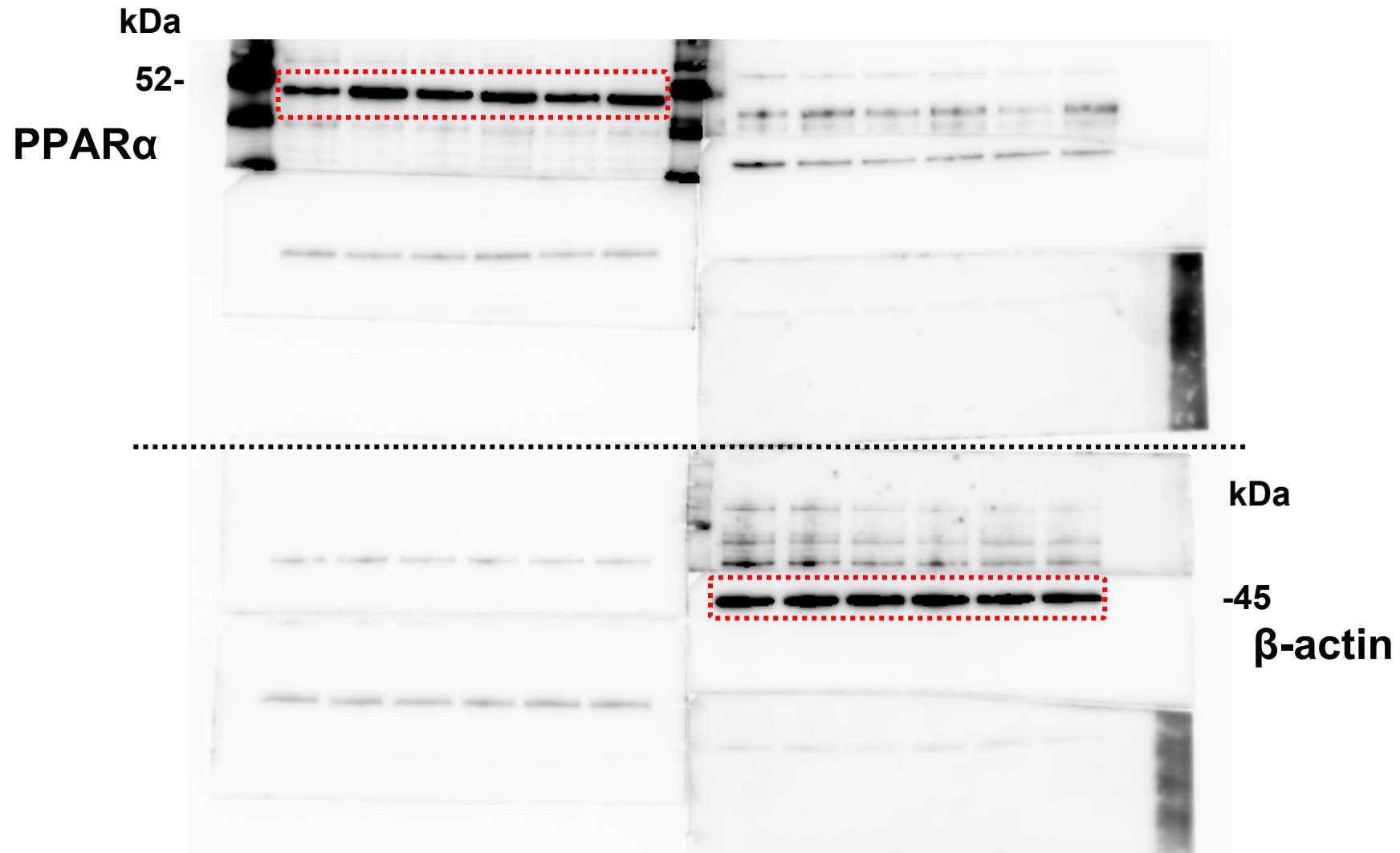


CPT2



**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. S2C (PPAR α -Full unedited blot)

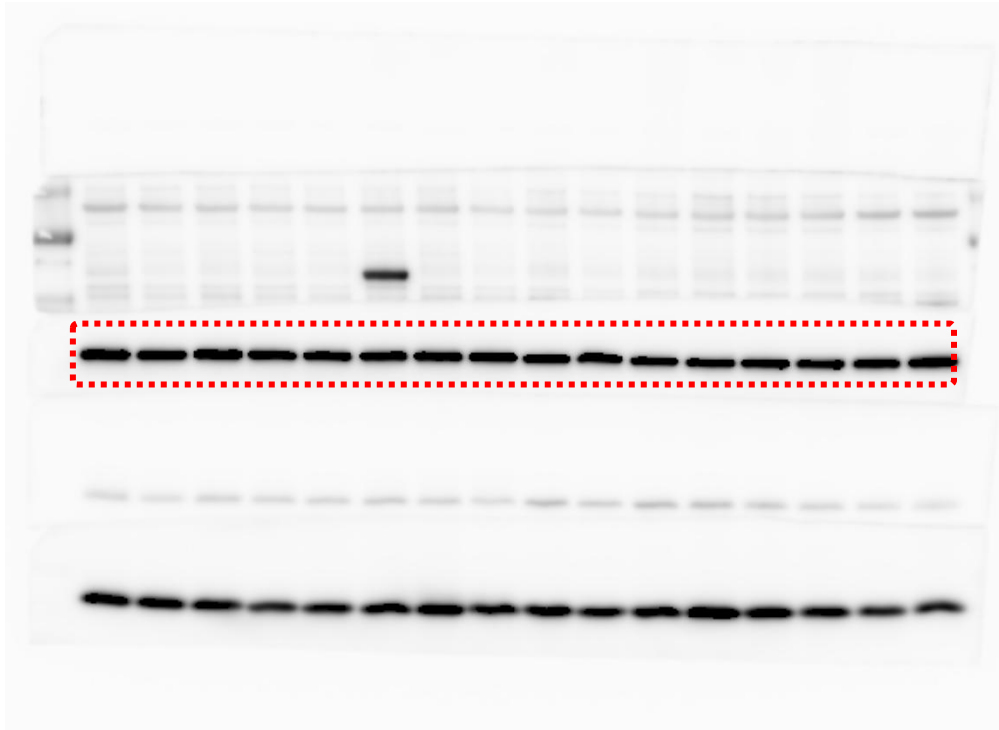


Note: 1. The same blot was used.

2. Bands used in Figures are indicated by boxes in red outlines.

Fig. S4B (IL-10R α Full unedited blot)

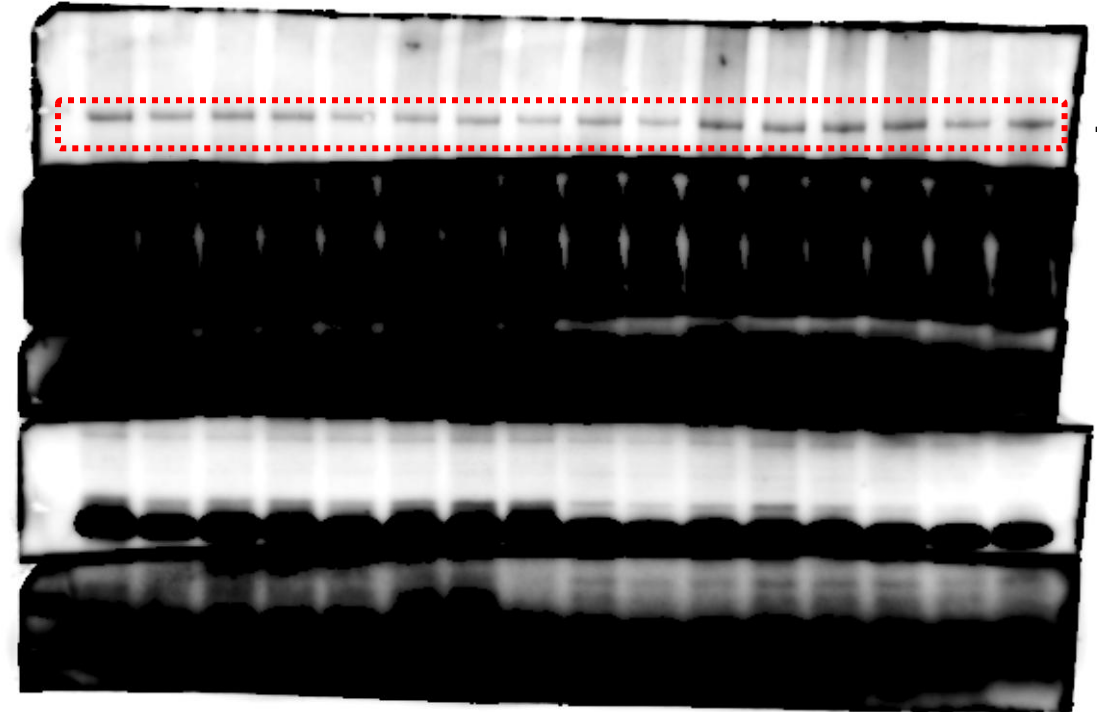
β -actin



kDa

-45

IL-10R α

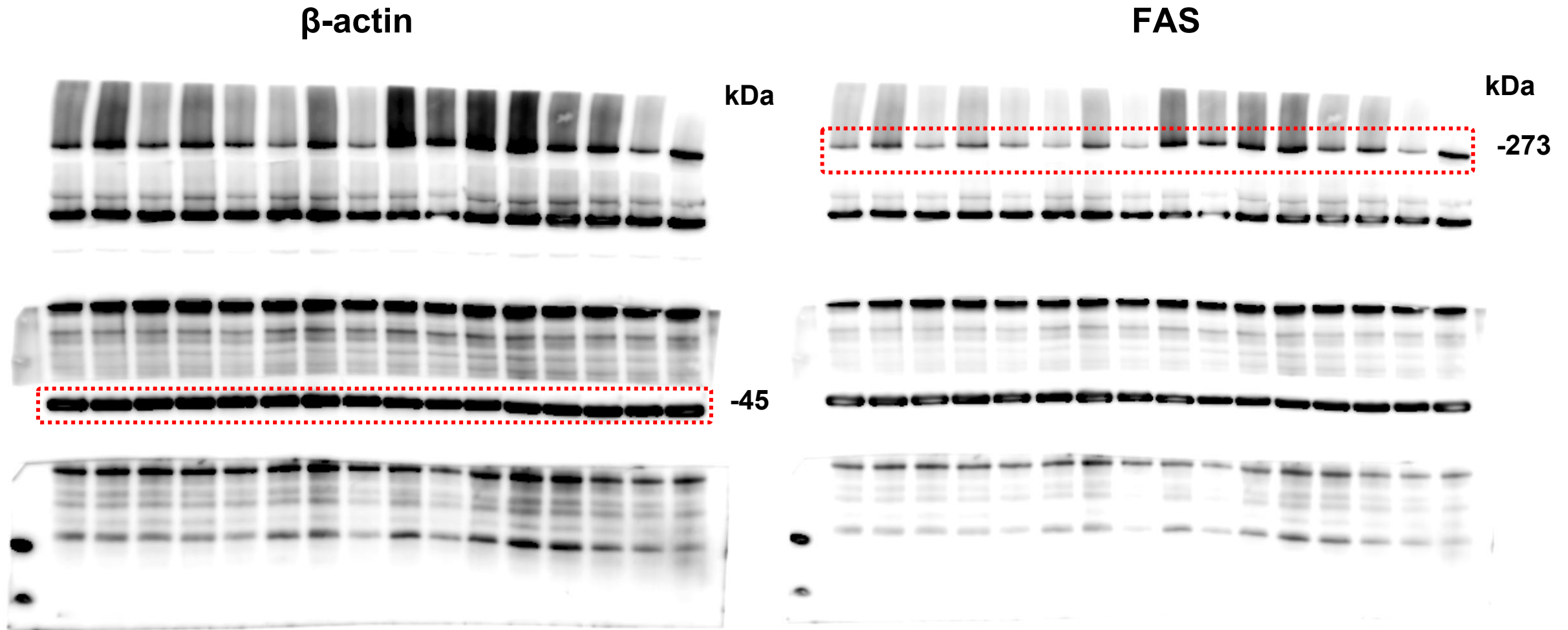


kDa

-100

**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. S4D (FAS-Full unedited blot)

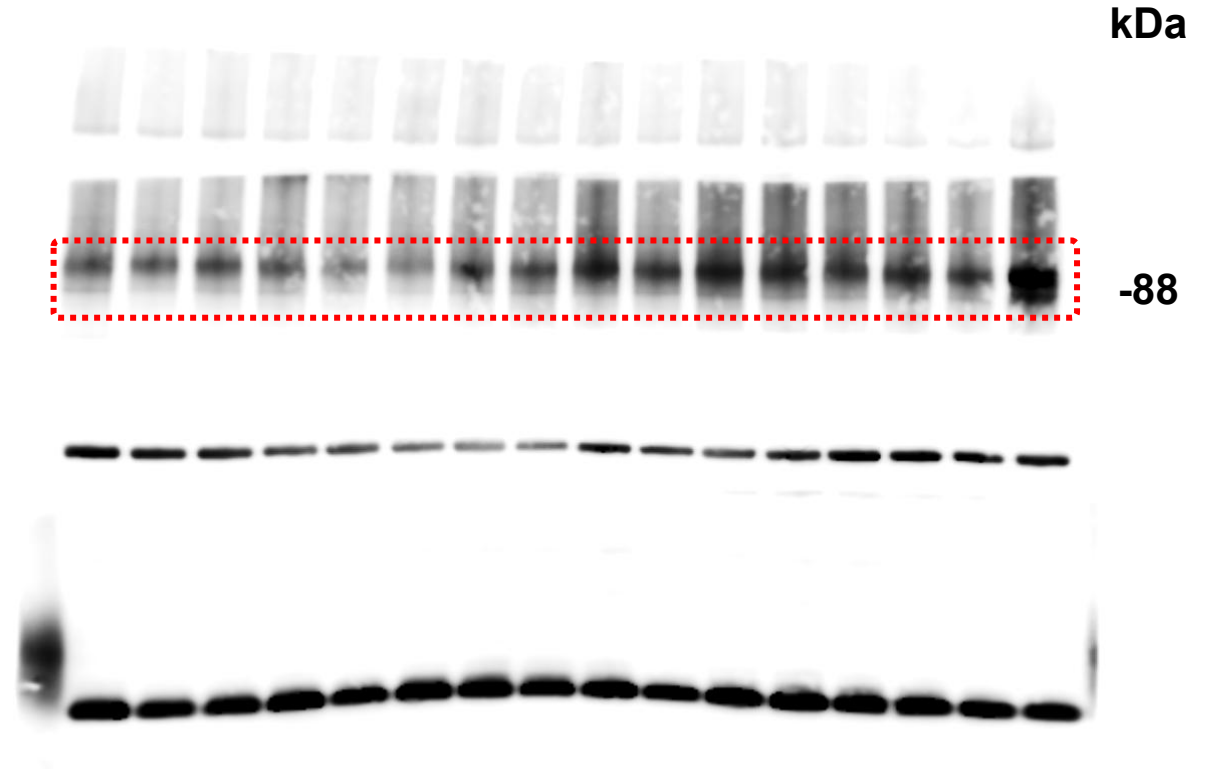
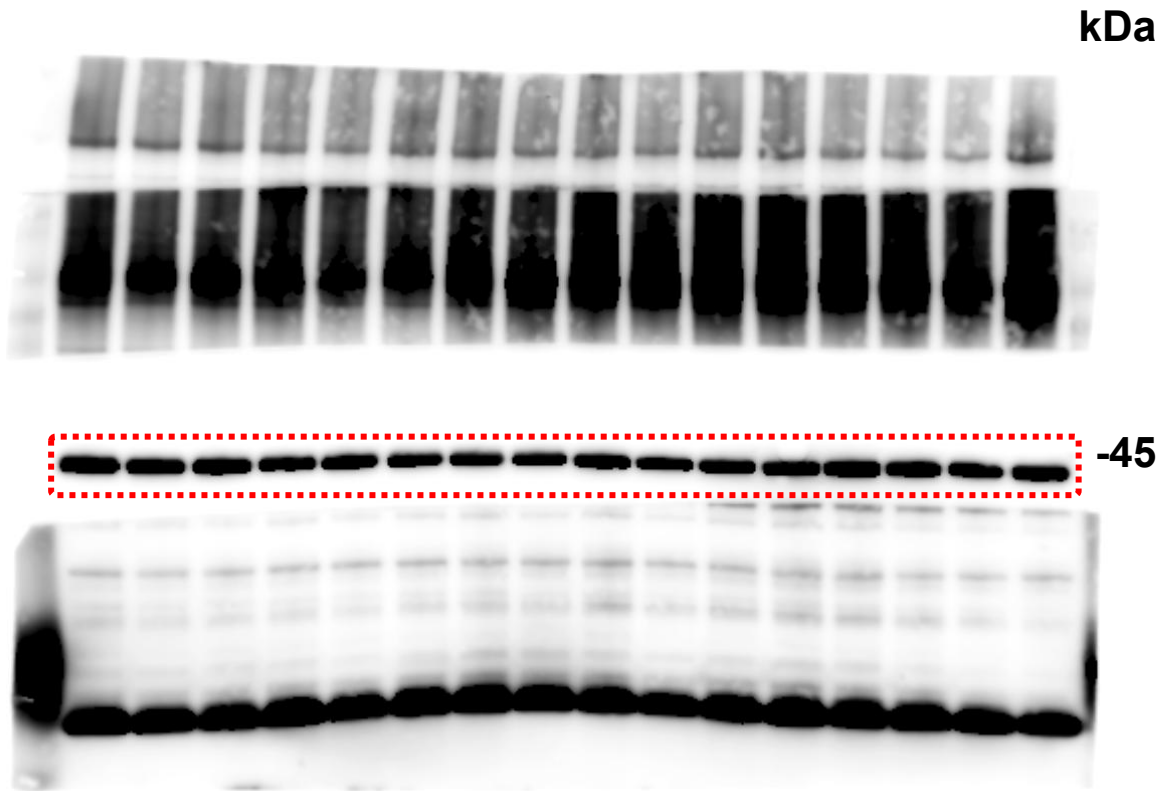


Note: 1. The same blot and different exposure times (short and long exposures shown) were used..
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. S4D (CPT1-Full unedited blot)

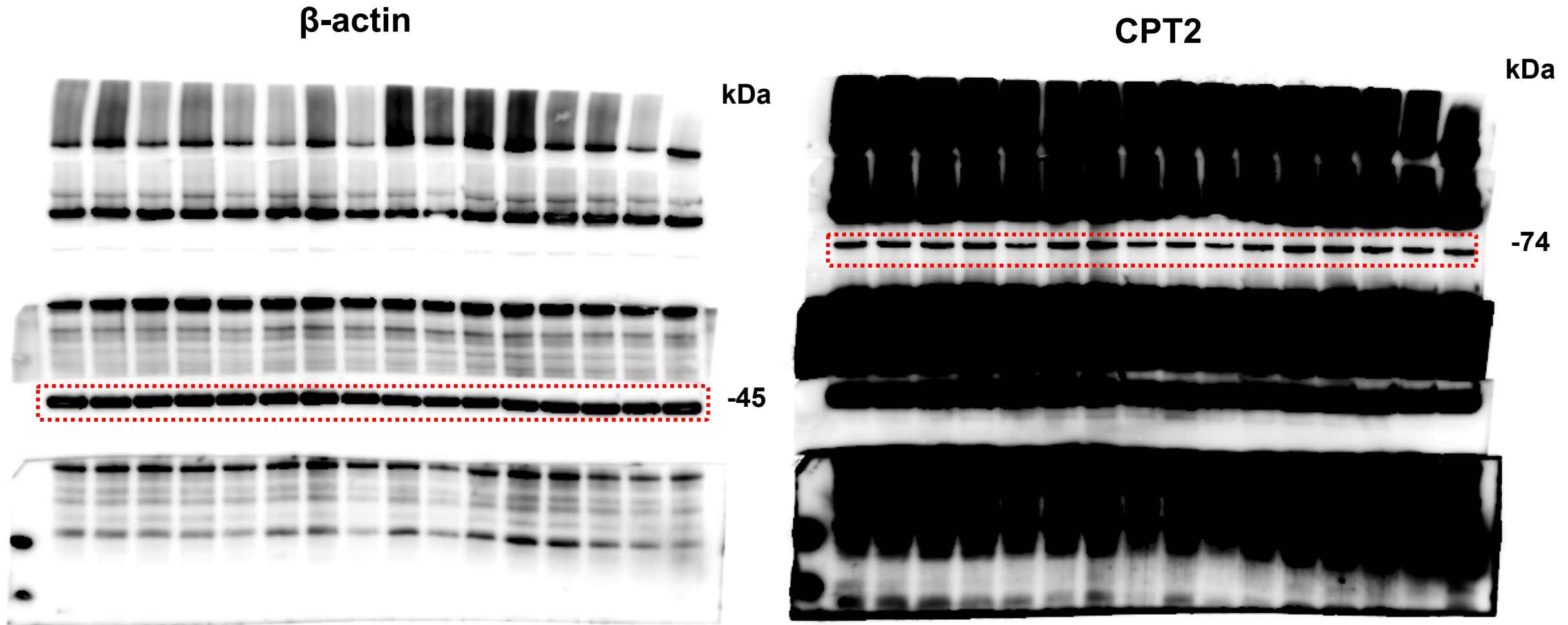
β -actin

CPT1



**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

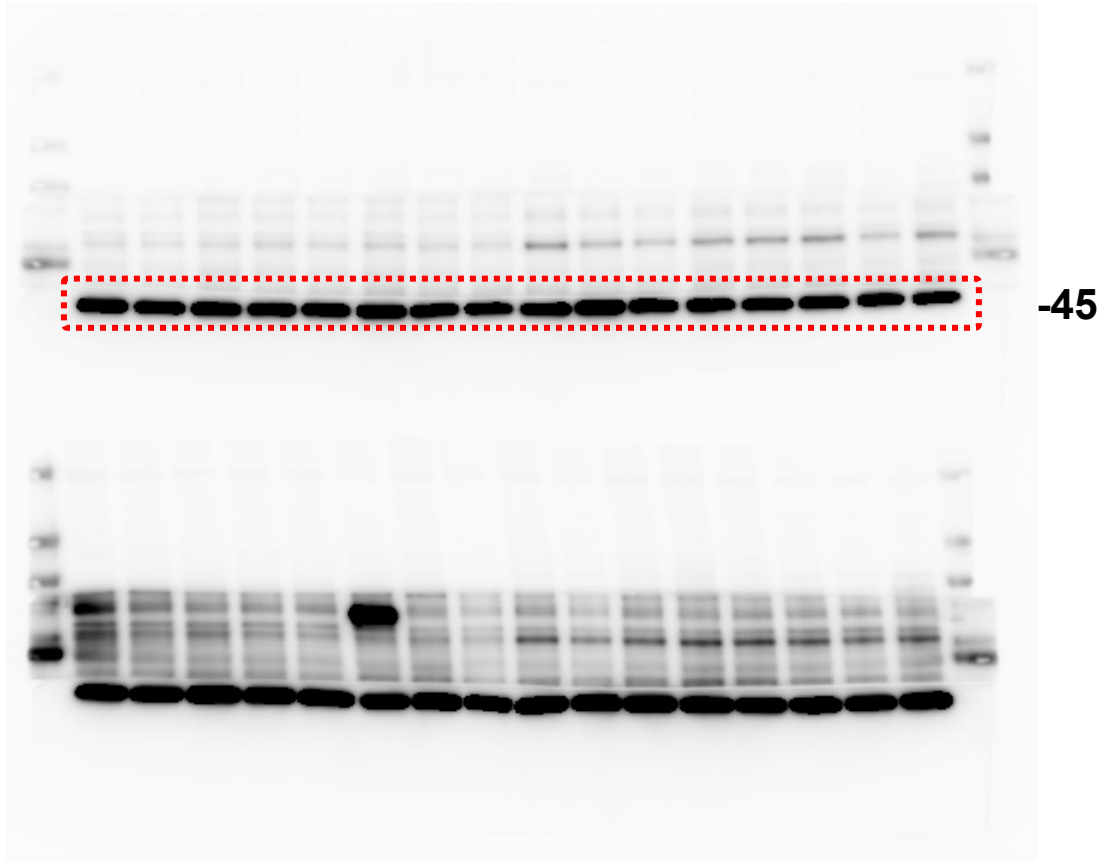
Fig. S4D (CPT2-Full unedited blot)



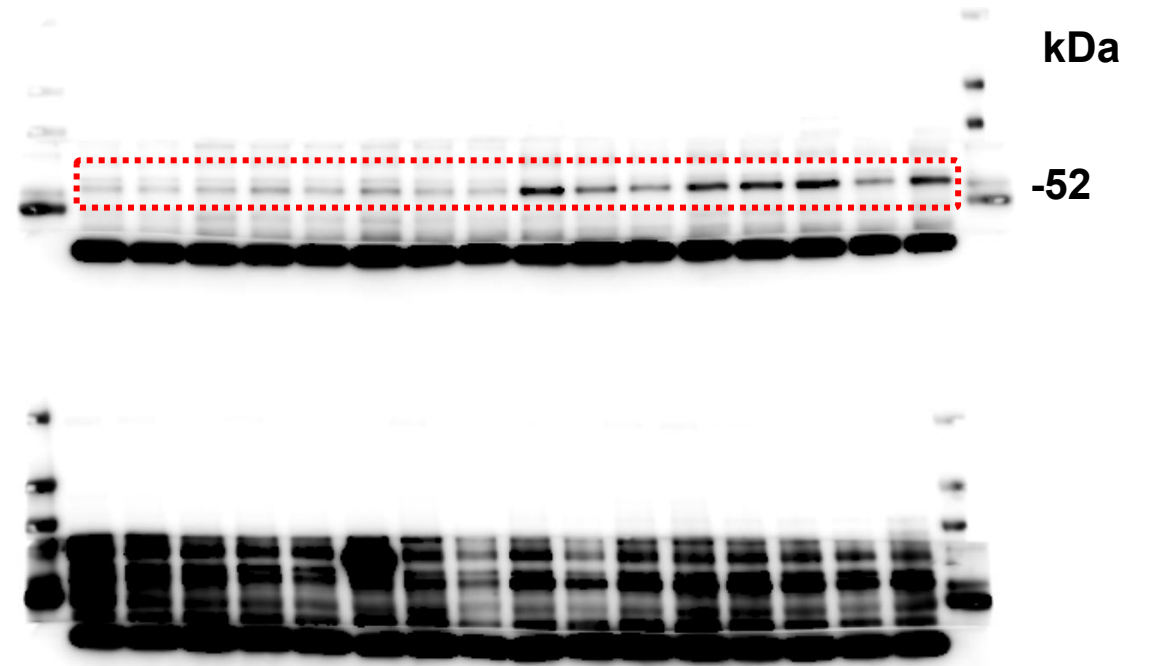
**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. S4D (PPAR α -Full unedited blot)

β -actin



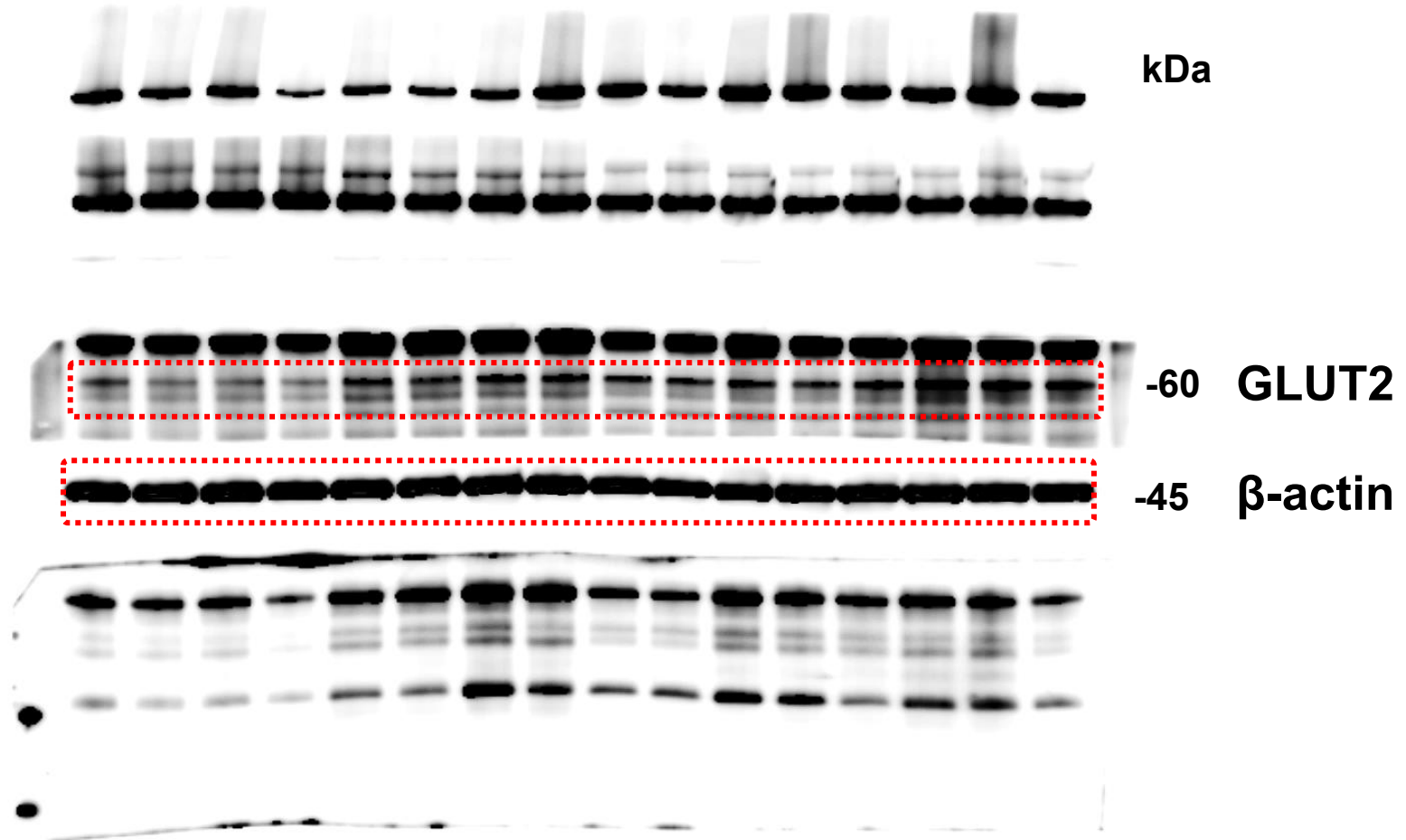
PPAR α



Note: 1. The same blot was used.

2. Bands used in Figures are indicated by boxes in red outlines.

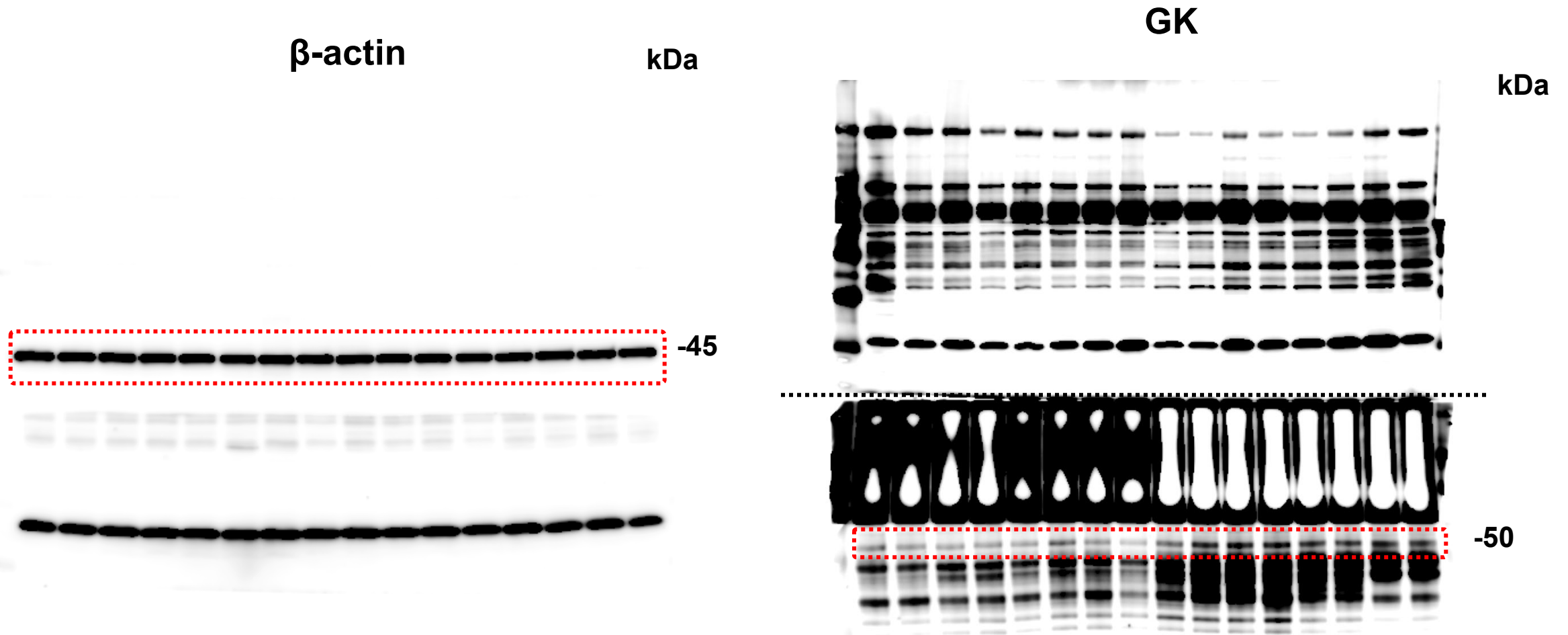
Fig. S7D (GLUT2-Full unedited blot)



Note: 1. The same blot was used.

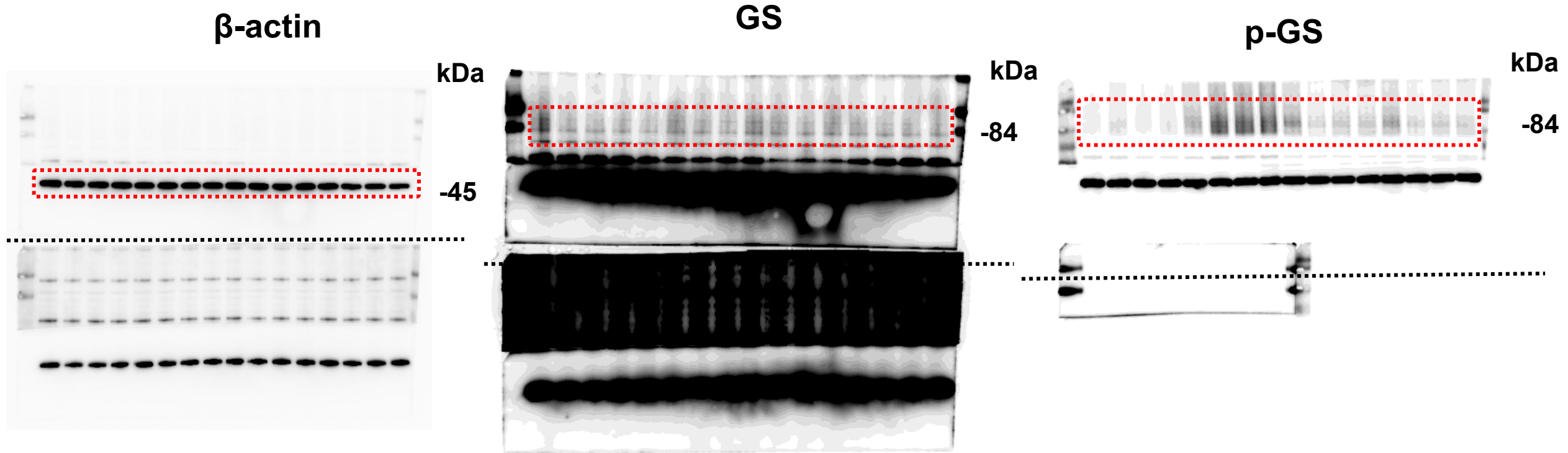
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. S7D (GK-Full unedited blot)



**Note: 1. Separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.**

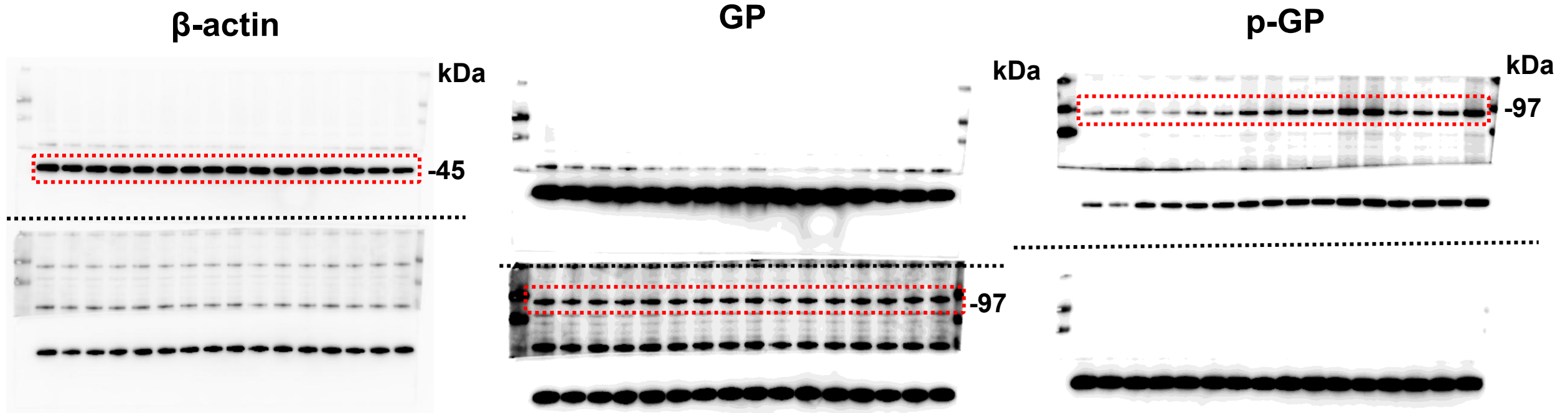
Fig. S7D (p-GS-GS-Full unedited blot)



Note: 1. In GS and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-GS and GS expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

Fig. S7D (p-GP-GP-Full unedited blot)



Note: 1. In GP and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used. Between p-GP and GP expression, separate, noncontiguous lanes from the same samples were used for each antibody.

2. Bands used in Figures are indicated by boxes in red outlines.

Fig. S7D (PCK1-Full unedited blot)

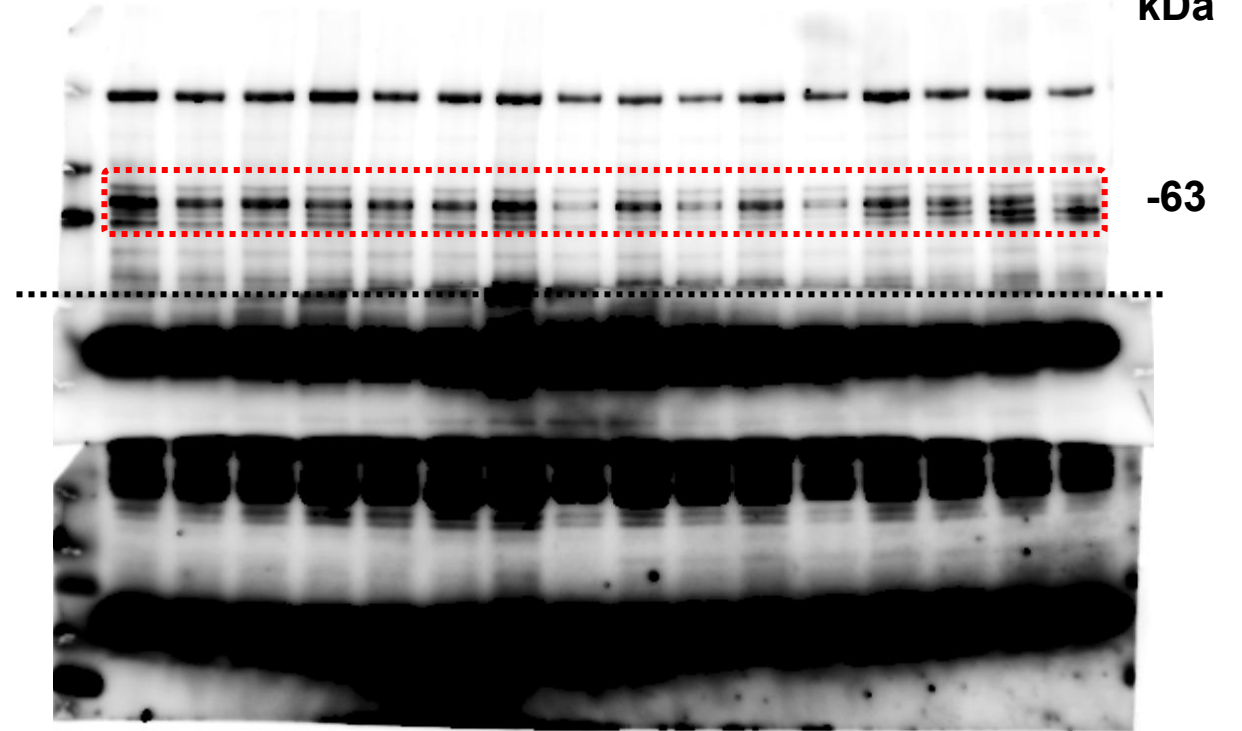
β -actin

PCK1

kDa

-63

See Fig. S7D (GK-Full unedited blot)



**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

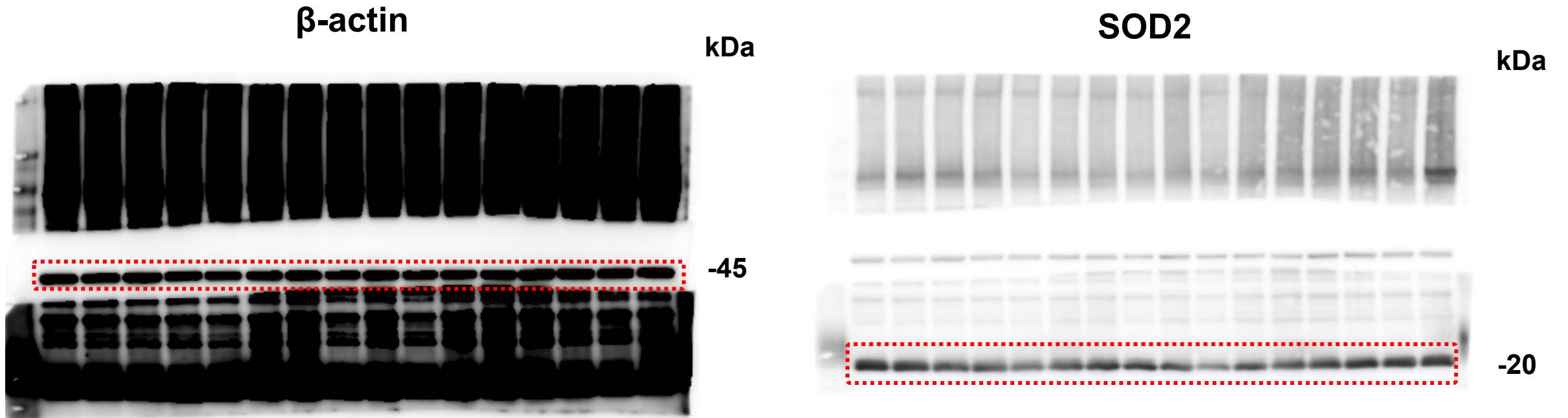
Fig. S8F (SOD1-Full unedited blot)



Note: 1. The same blot was used.

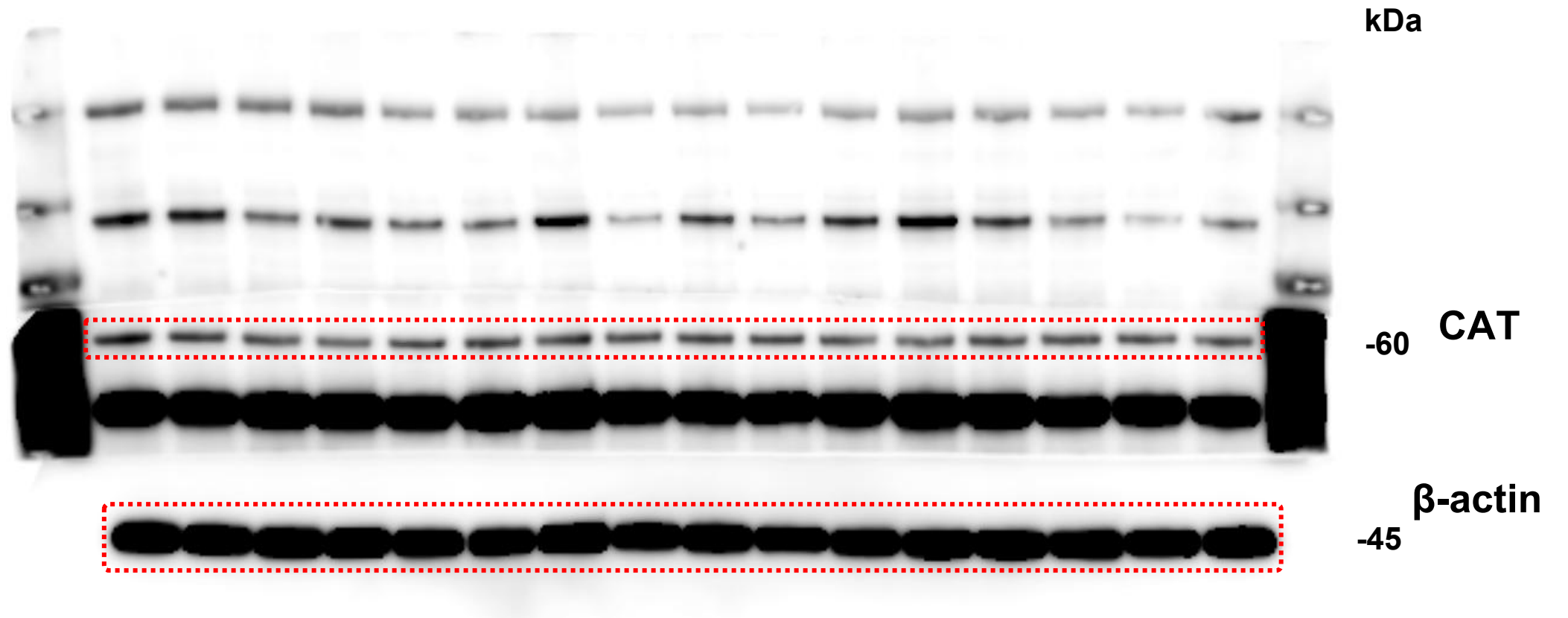
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. S8F (SOD2-Full unedited blot)



**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

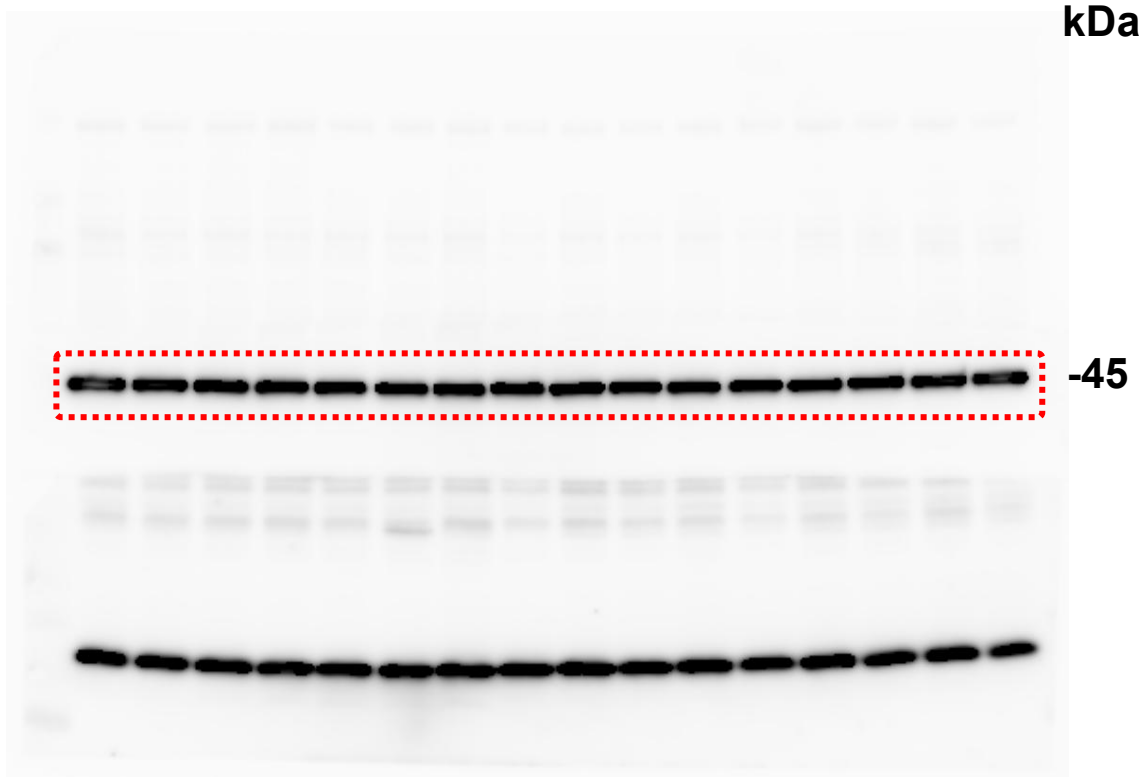
Fig. S8F (CAT-Full unedited blot)



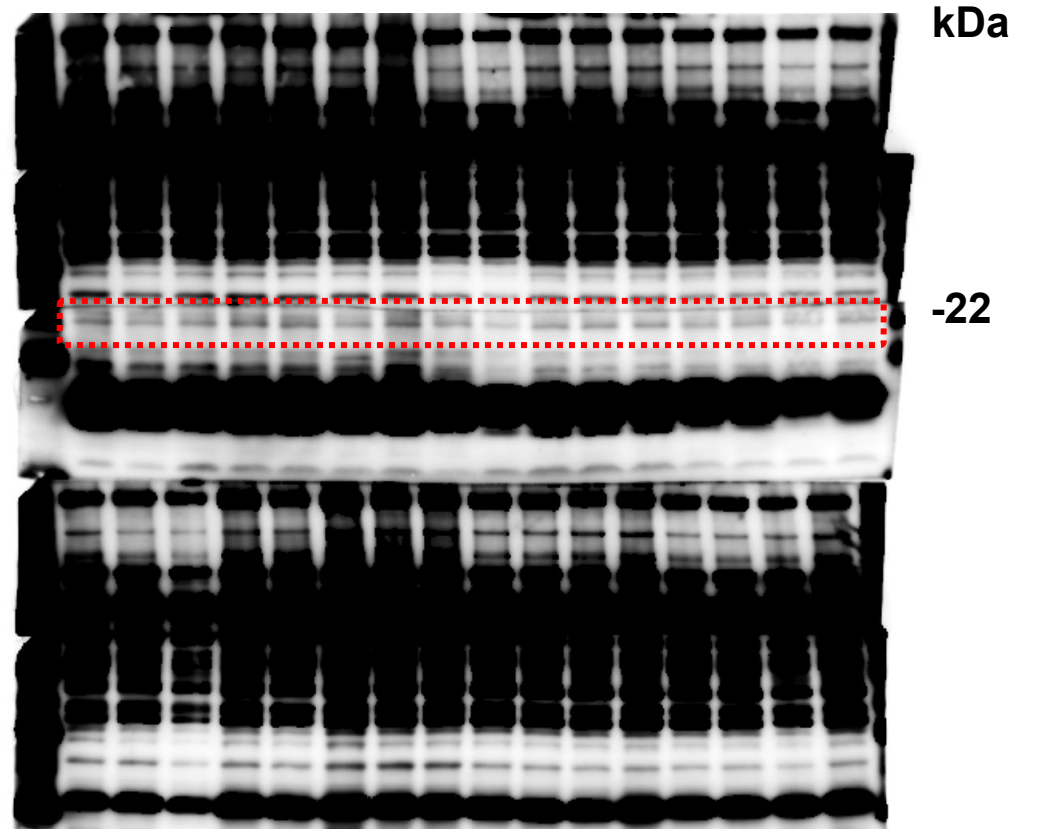
Note: 1. The same blot was used.
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. S8F (GPX1-Full unedited blot)

β -actin

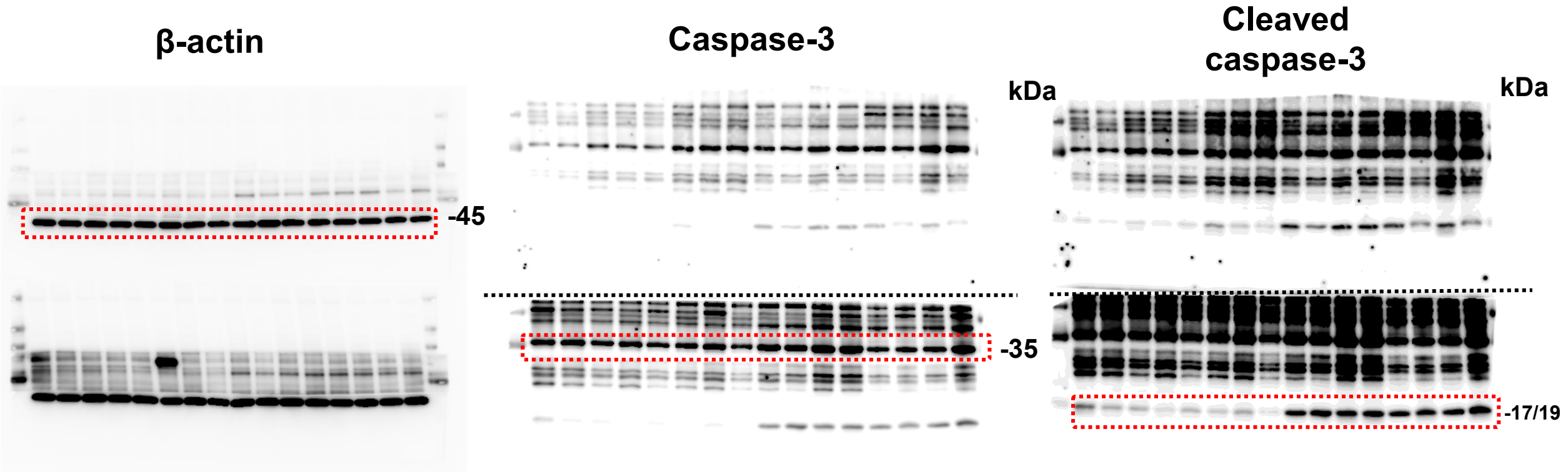


GPX1



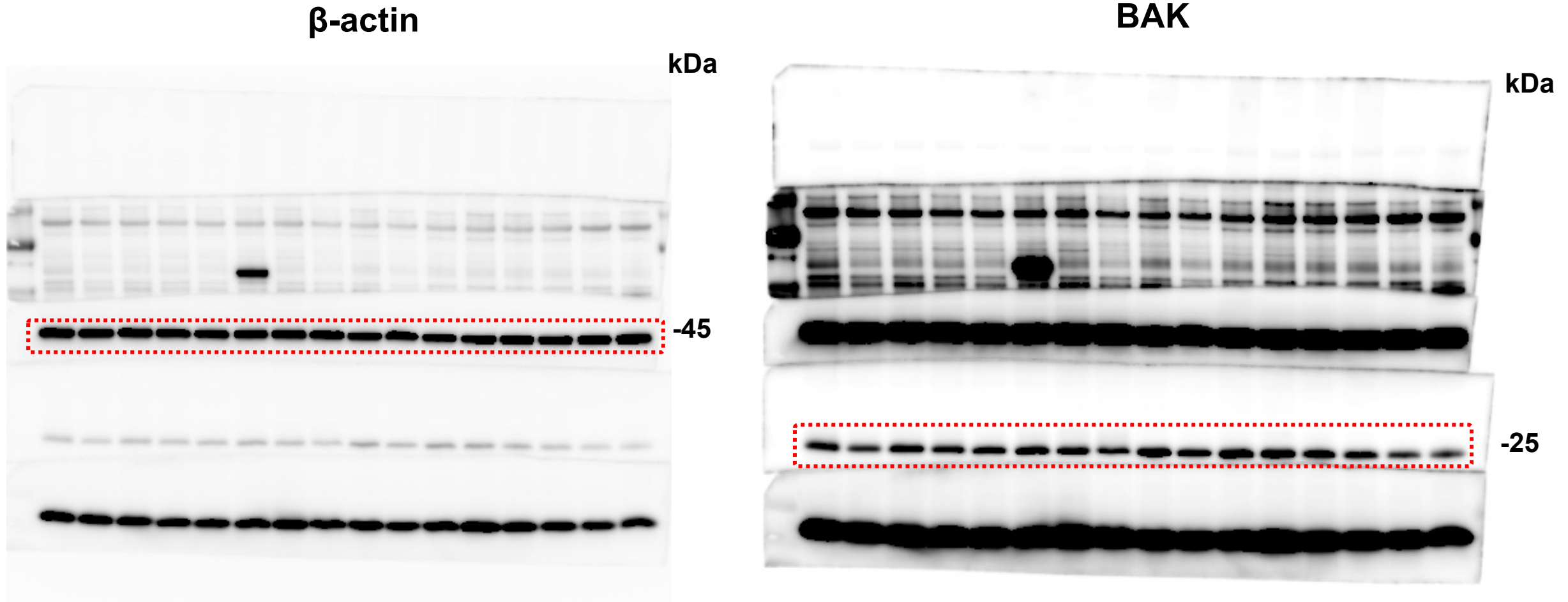
**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. S9F (Cleaved-caspase3/Caspase-3-Full unedited blot)



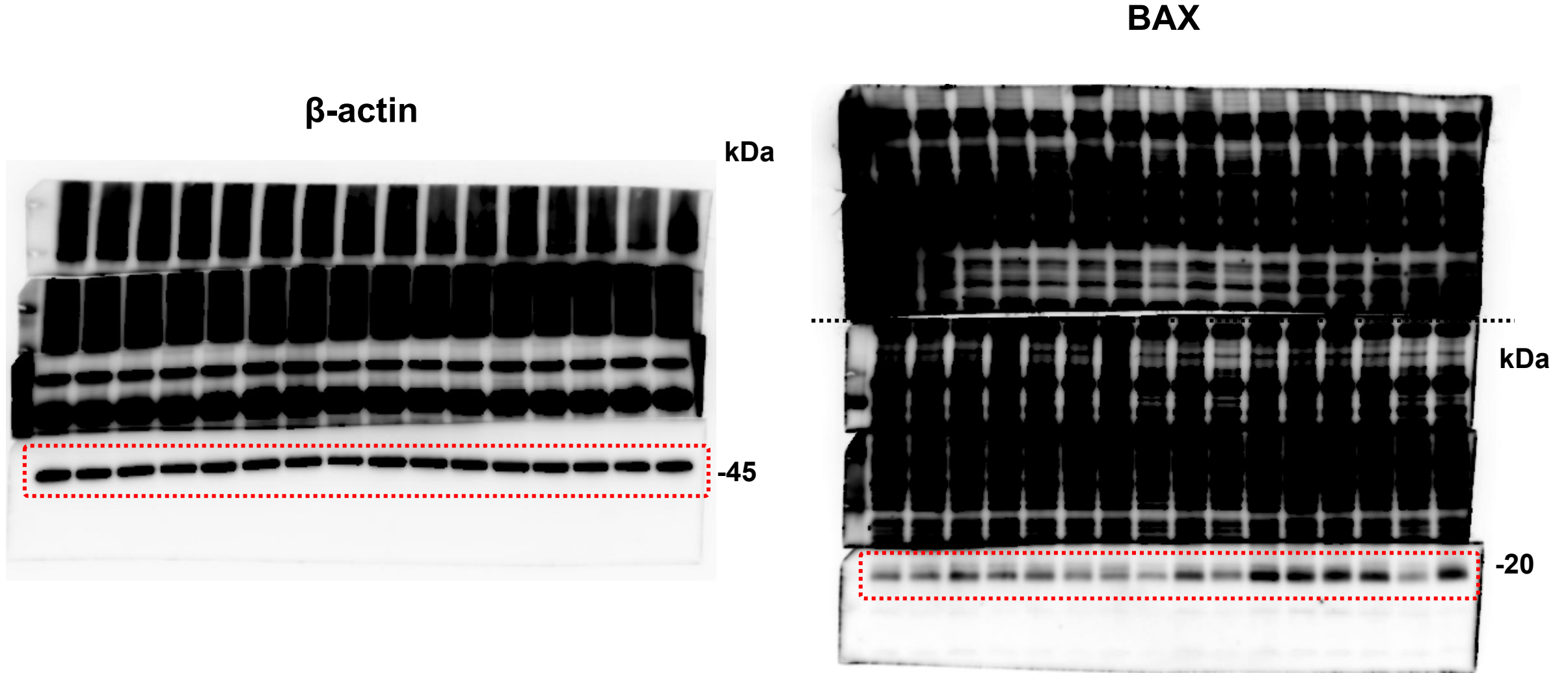
Note: 1. In Cleaved caspase-3 and Caspase-3 expression, the same blot and different exposure times (short and long exposures shown) were used. Between Caspase-3 and β -actin expression, separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. S9F (BAK-Full unedited blot)



**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. S9F (BAX-Full unedited blot)

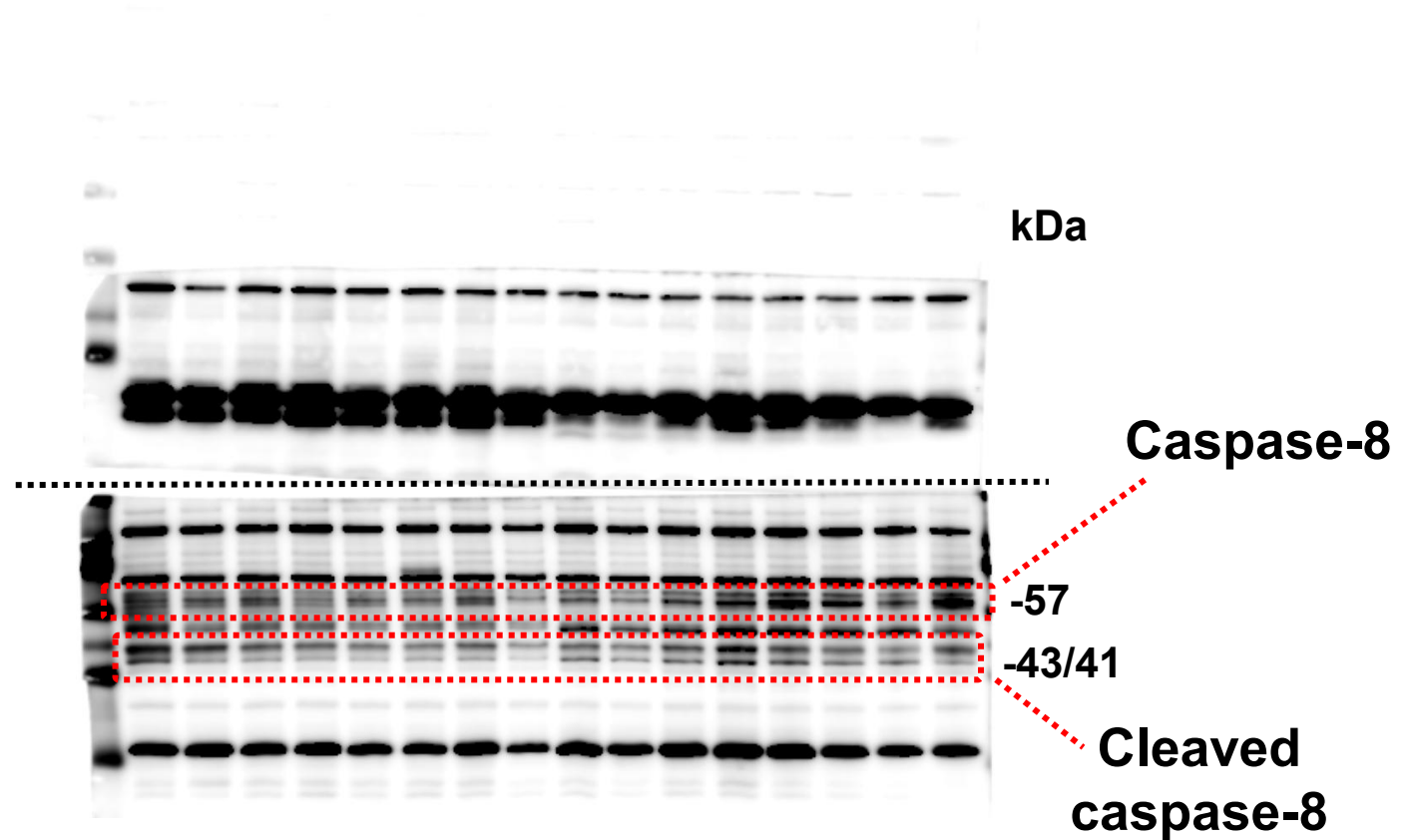


**Note: 1. Separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. S9F (Cleaved-caspase-8/Caspase-8-Full unedited blot)

β -actin

See Fig. S9F (BAK-Full unedited blot)



Note: 1. In Cleaved-caspase-8 and Caspase-8 expression, the same blot was used. Between Caspase-8 and β -actin expression, separate, noncontiguous lanes from the same samples were used for each antibody.
2. Bands used in Figures are indicated by boxes in red outlines.

Fig. S10 (LC3- II /LC3- I -Full unedited blot)

β -actin

LC3

kDa

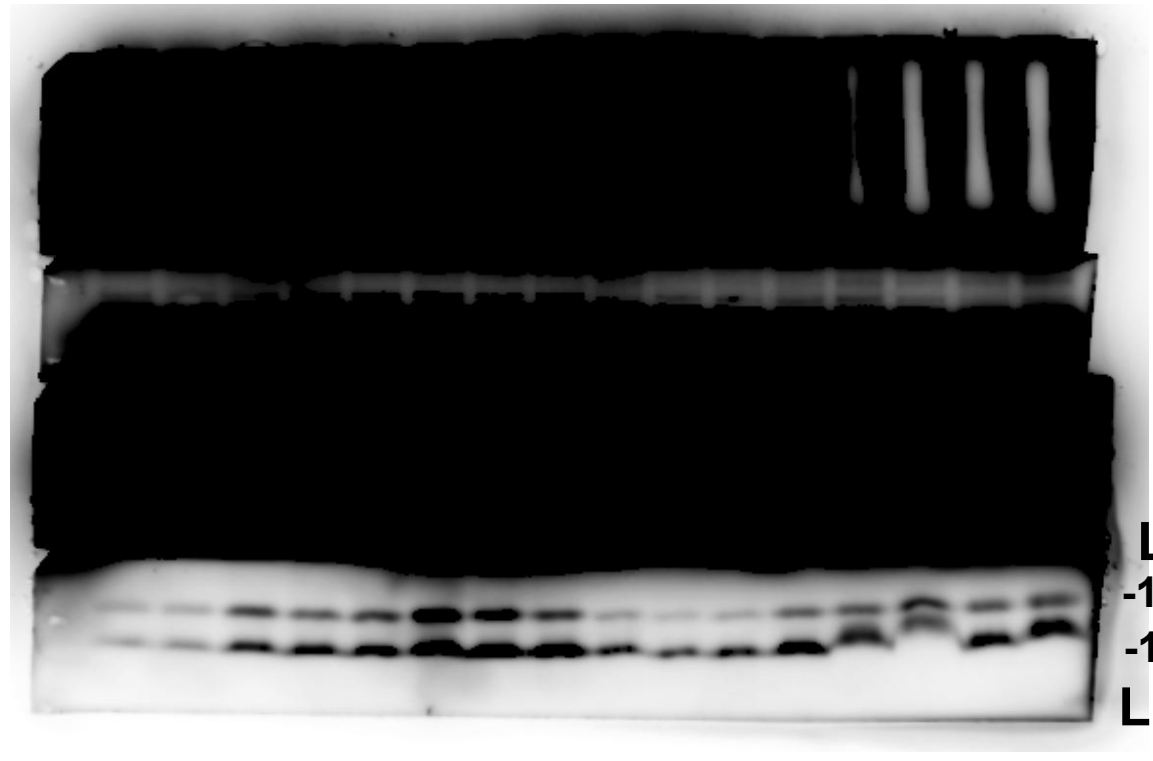
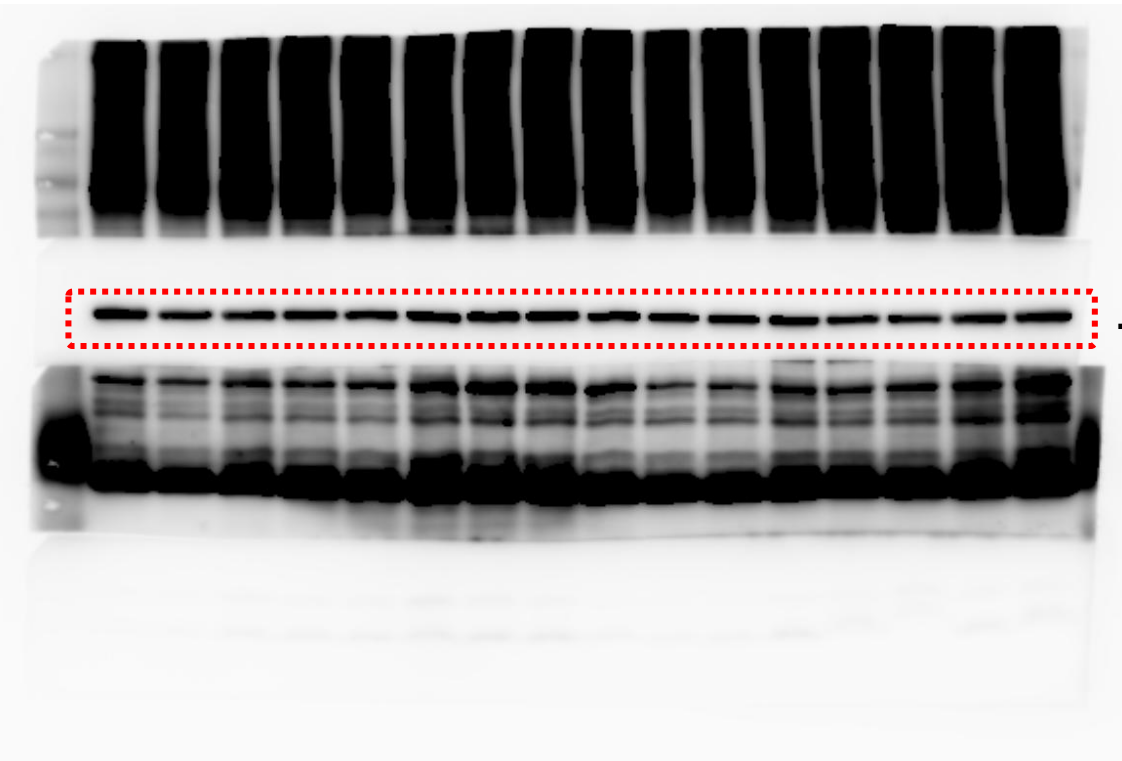
-45

LC3- I

-18

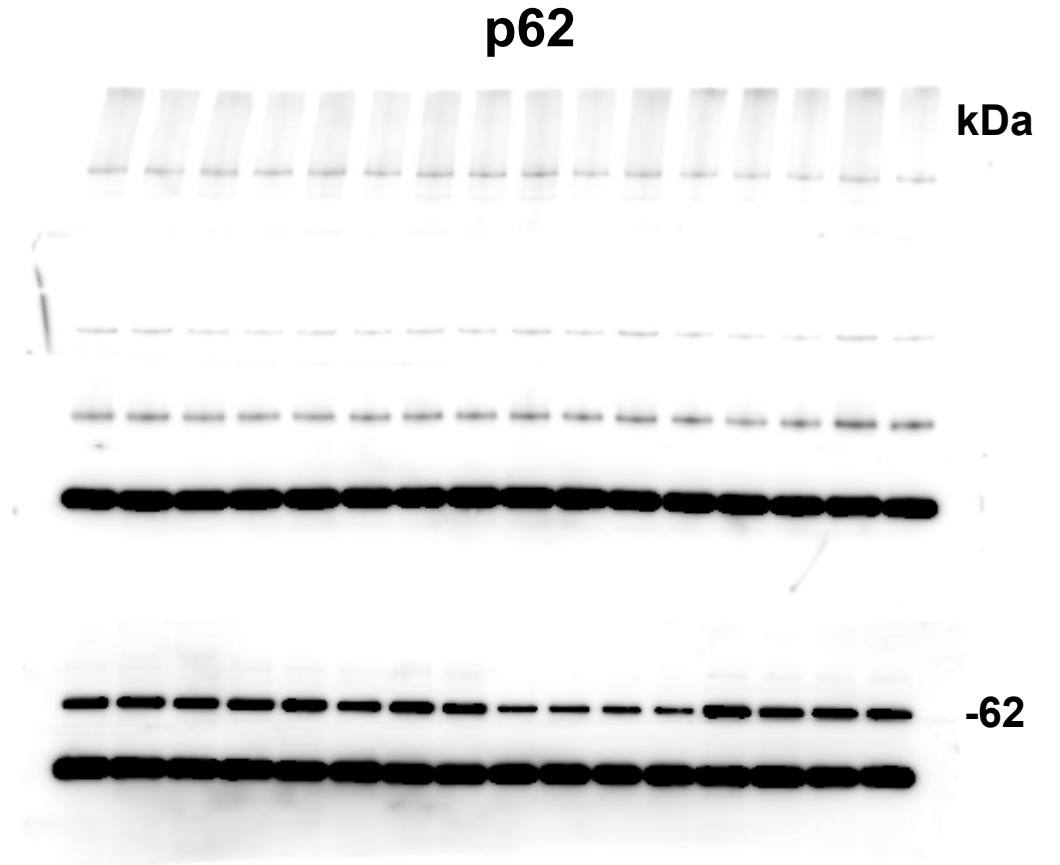
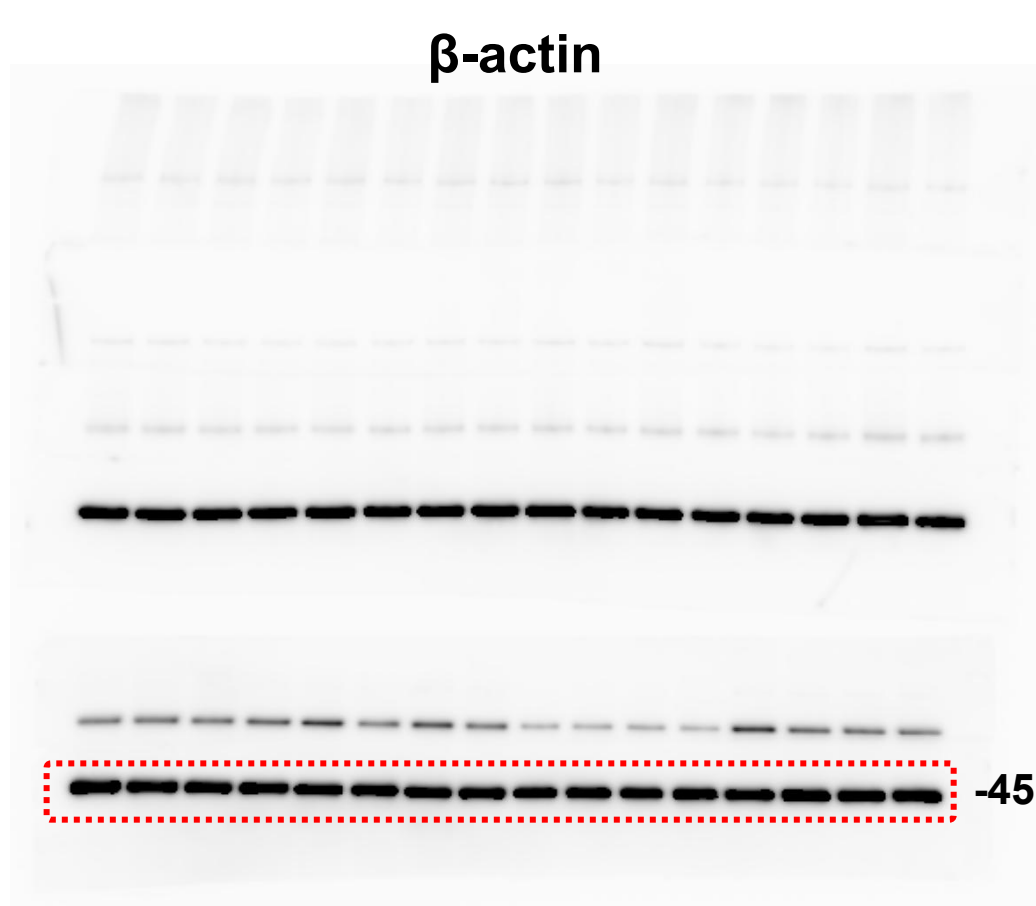
-16

LC3- II



**Note: 1. In LC3- II and LC3- I expression, the same blot was used. Between LC3 and β -actin expression, the same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**

Fig. S10 (p62-Full unedited blot)



**Note: 1. The same blot and different exposure times (short and long exposures shown) were used.
2. Bands used in Figures are indicated by boxes in red outlines.**