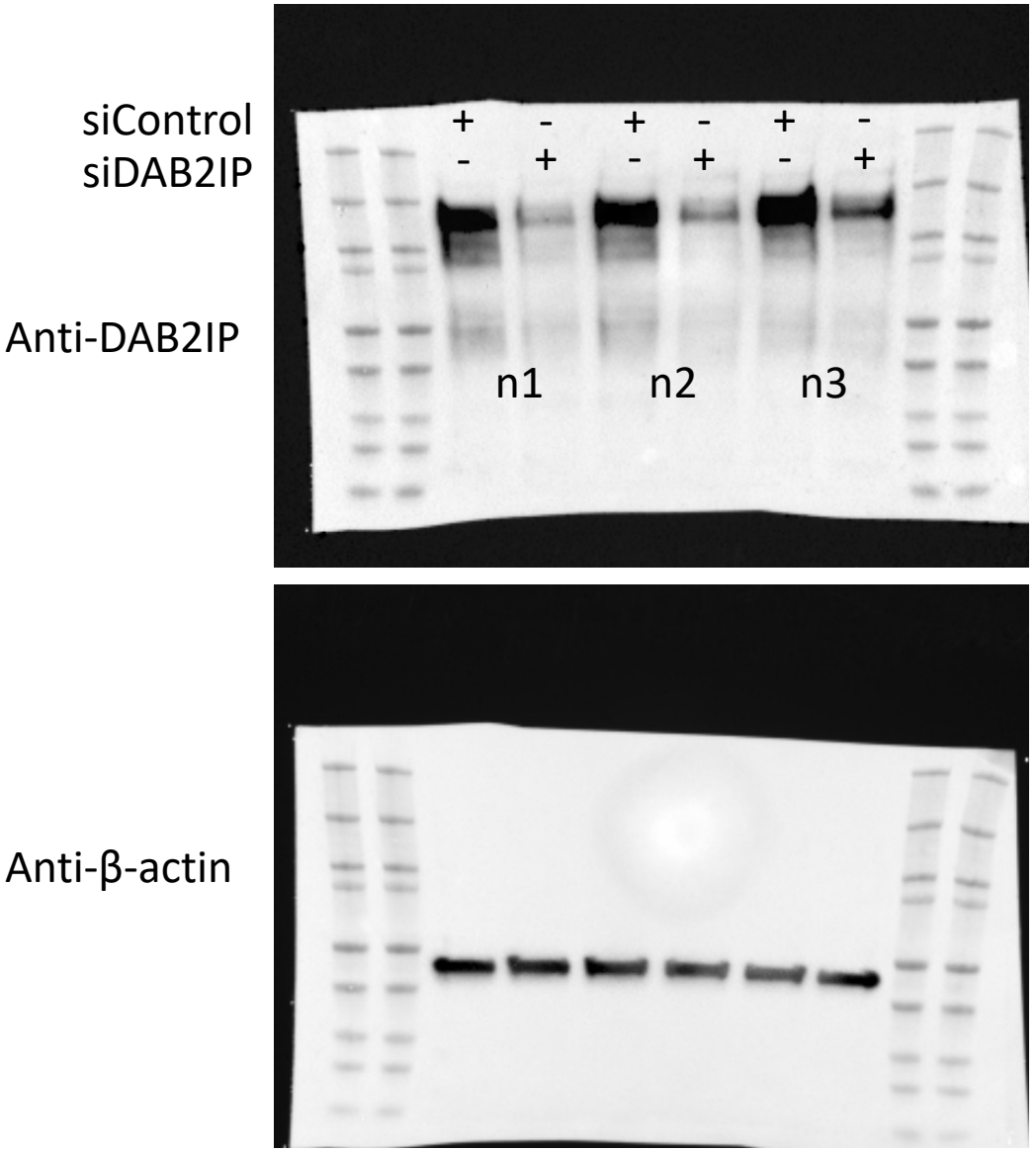
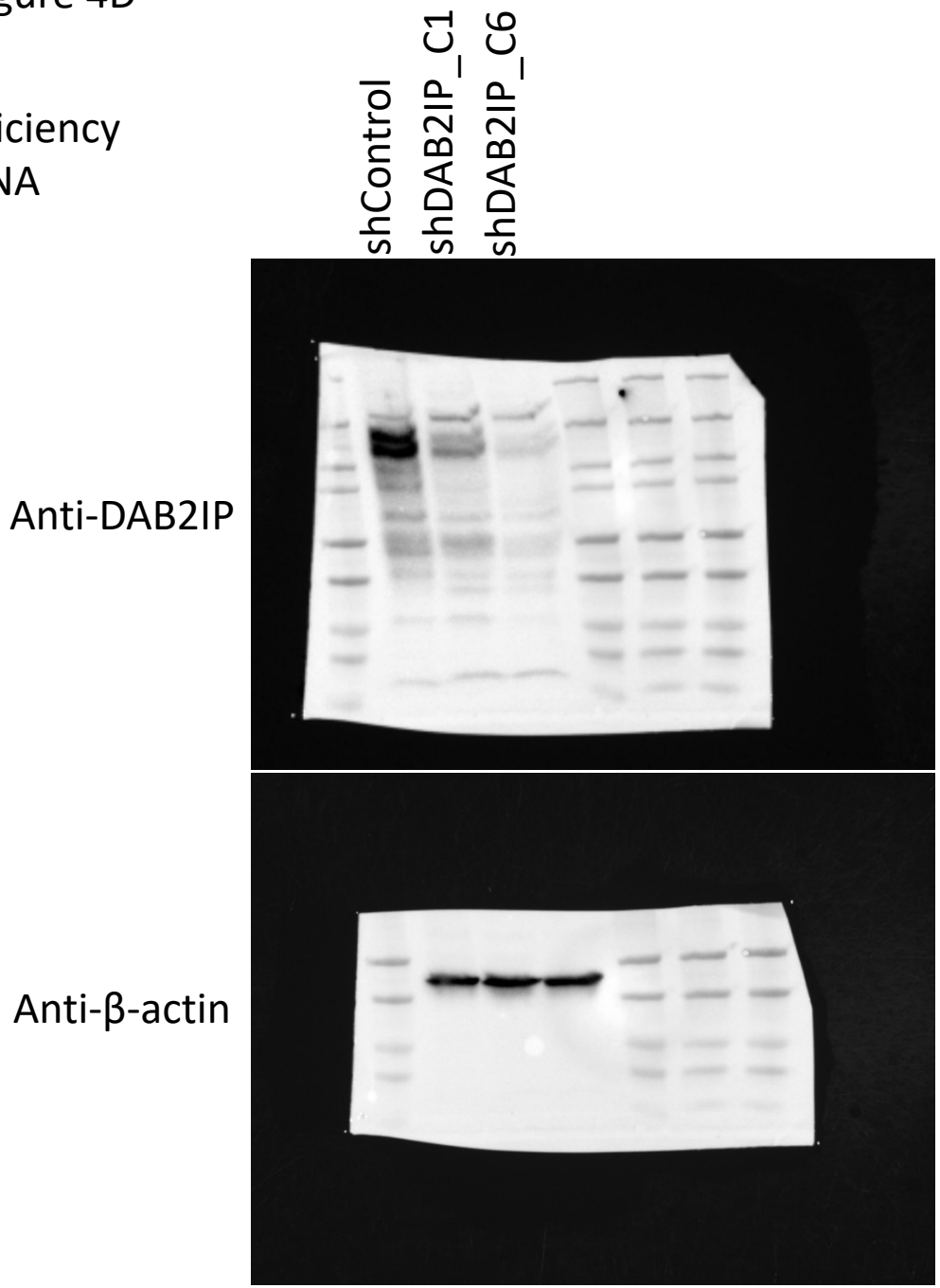
Full unedited gel for Figure 4B

T47D – Knockdown efficiency of DAB2IP via siRNA



Full unedited gel for Figure 4D

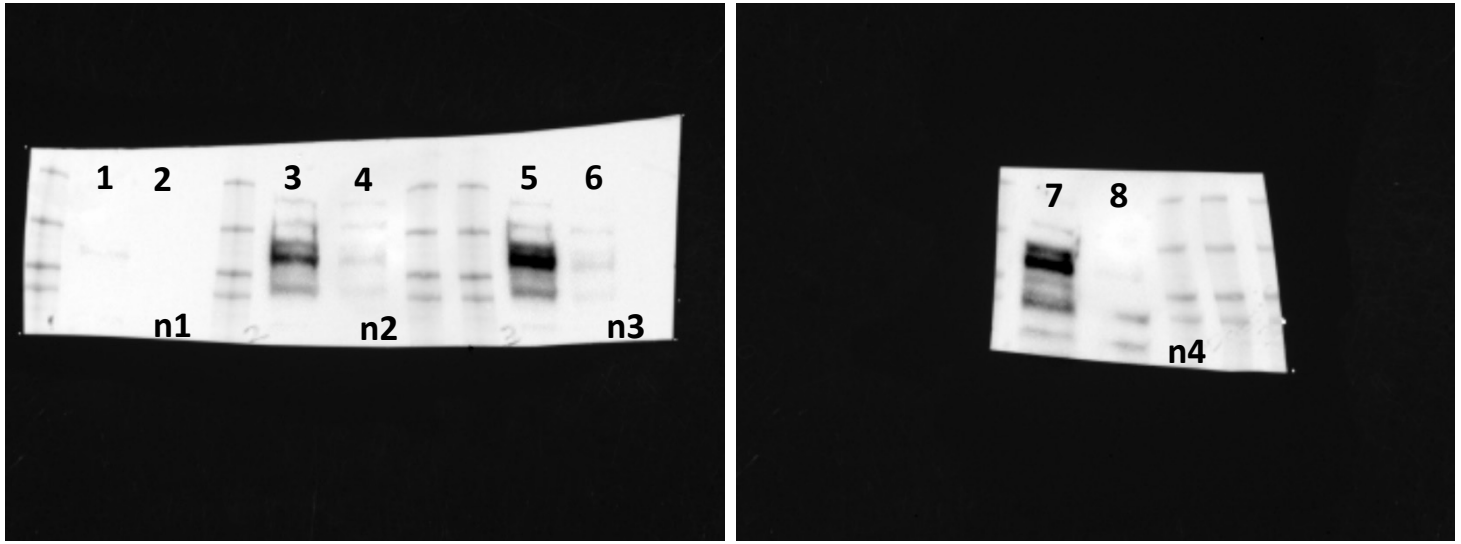
T47D – Knockdown efficiency of DAB2IP via shRNA



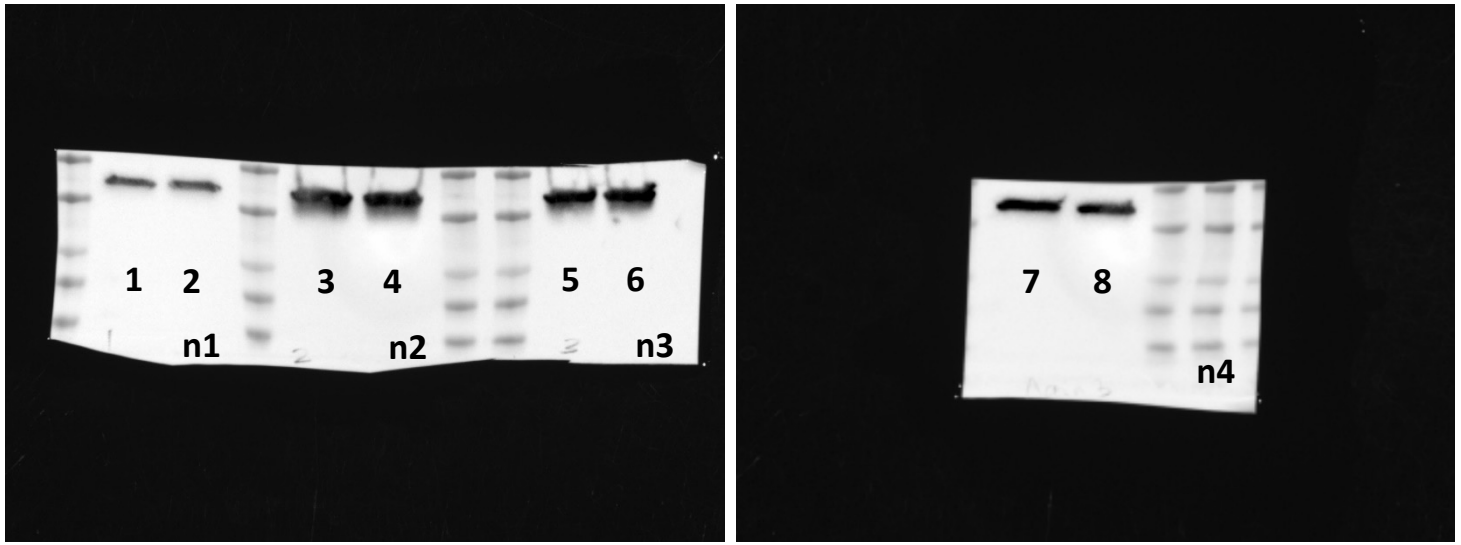
Full unedited gel for Figure 5B

MCF10A – Knockdown efficiency of DAB2IP via siRNA
&
Expression of Phosho-IKKαβ in MCF10A siDAB2IP and siControl cells

Anti-DAB2IP



Anti-β-actin



Lane 1: siControl
Lane 2: siDAB2IP] n1

Lane 3: siControl
Lane 4: siDAB2IP] n2

Lane 5: siControl
Lane 6: siDAB2IP] n3

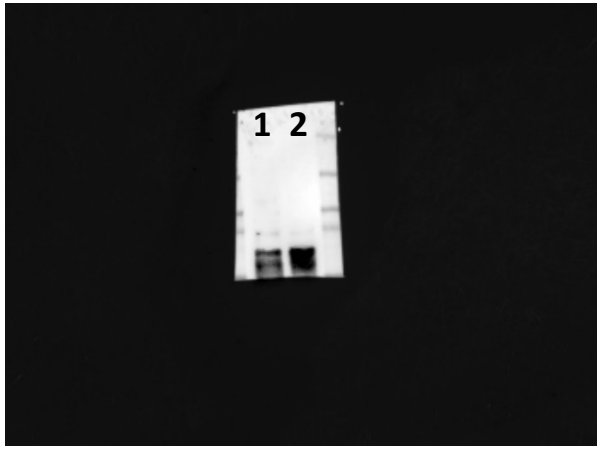
Lane 7: siControl
Lane 8: siDAB2IP] n4

Lane 1 & 2: n1 – very faint band in lane 1 (siControl). Performed experiments with n2, & n3 and n4 lysates. <u>Figure 5B is blot from n3</u>

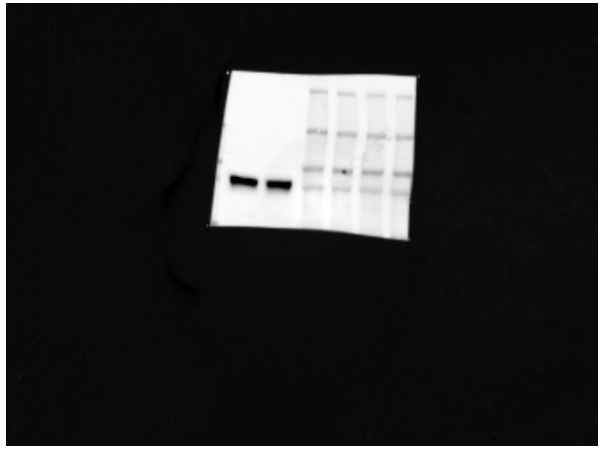
Full unedited gel for Figure 5B

MCF10A – Knockdown efficiency of DAB2IP via siRNA &
Expression of Phosho-IKKαβ in MCF10A siDAB2IP and siControl cells

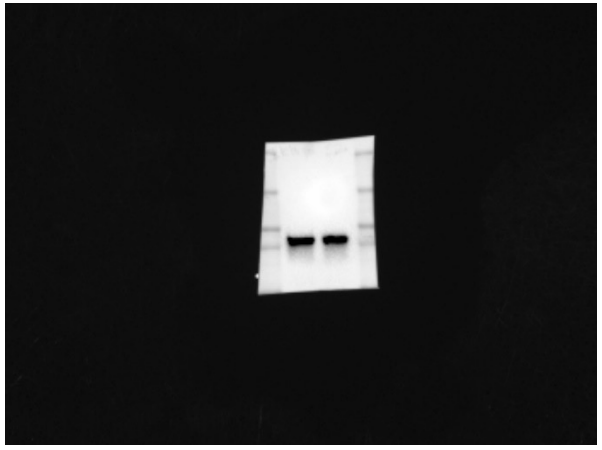
Anti-Phospho-IKKαβ



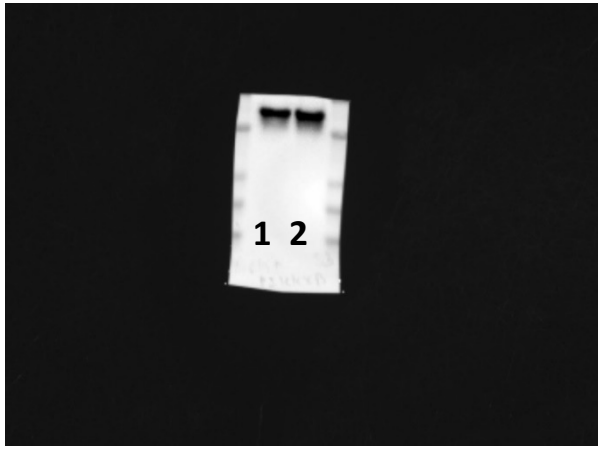
Anti-IKKα



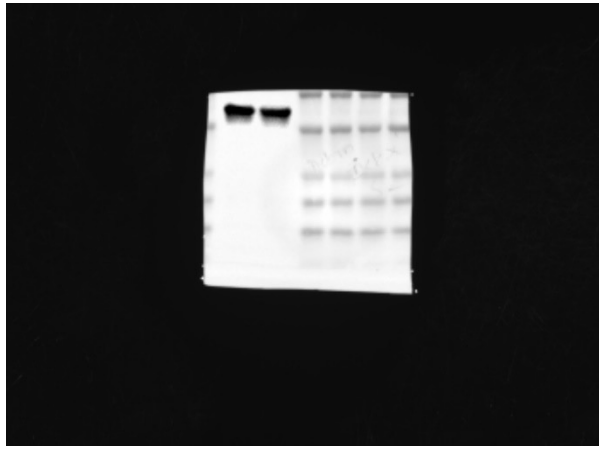
Anti-IKKβ



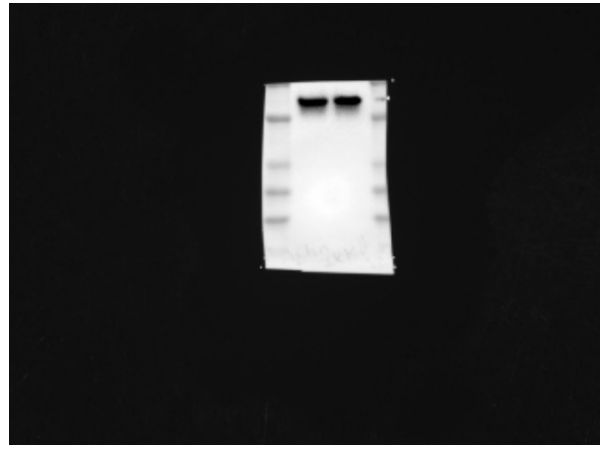
Anti-β-actin



Anti-β-actin



Anti-β-actin



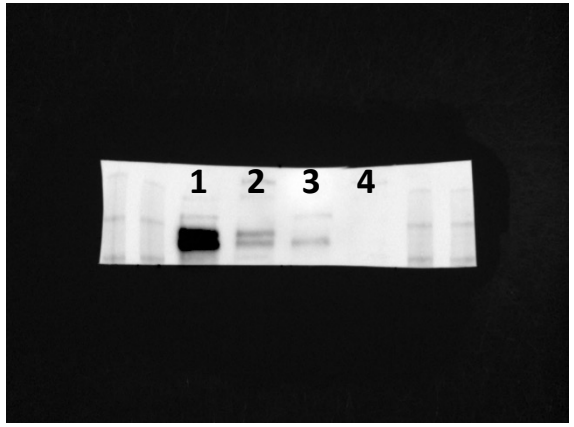
Lane 1: siControl
Lane 2: siDAB2IP

Used same lysates in the same gel but 3 times in a 15-well gel and cut the blots for 3 separate primary antibodies and corresponding loading control

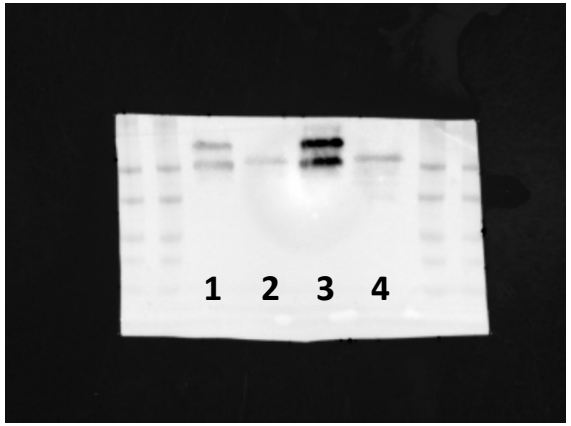
Full unedited gel for Figure 5E

T47D - Expression of Phosho-IKKαβ in T47D siDAB2IP and siControl cells (nuclear fractionation)

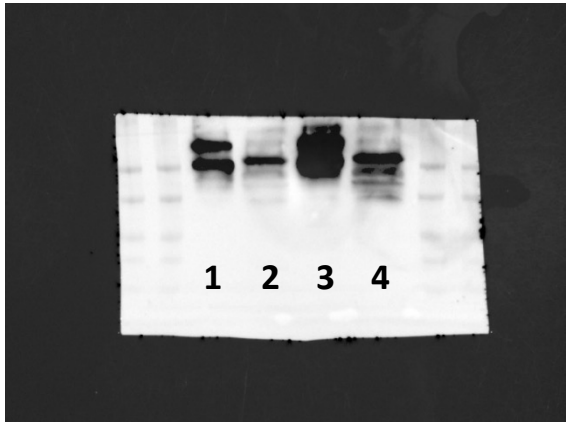
Anti-DAB2IP



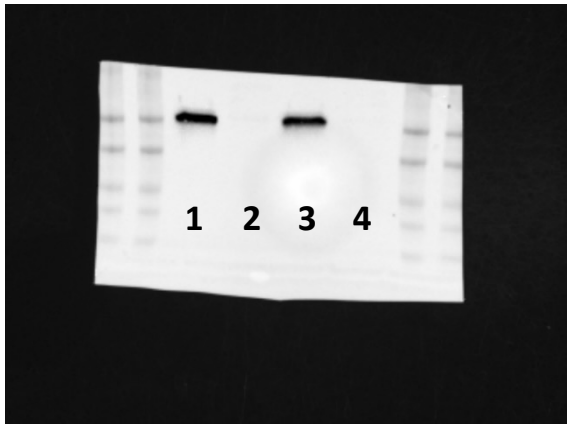
Anti-Phospho-IKKαβ



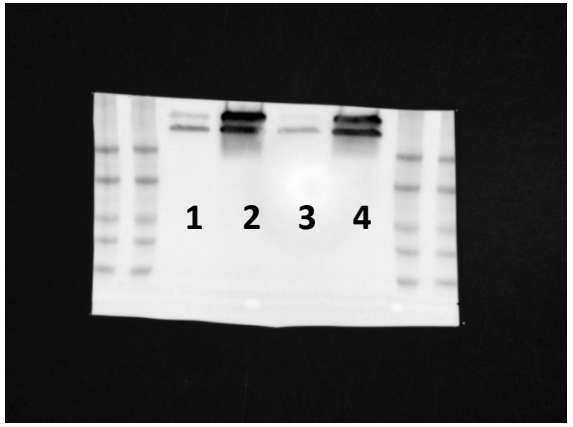
Anti-Phospho-IKKαβ (Longer Exposure)



β-tubulin



Lamin A/C



Lane 1: siControl – Cytoplasmic extract
Lane 2: siControl – Nuclear extract
Lane 3: siDAB2IP – Cytoplasmic extract
Lane 4: siDAB2IP – Nuclear extract

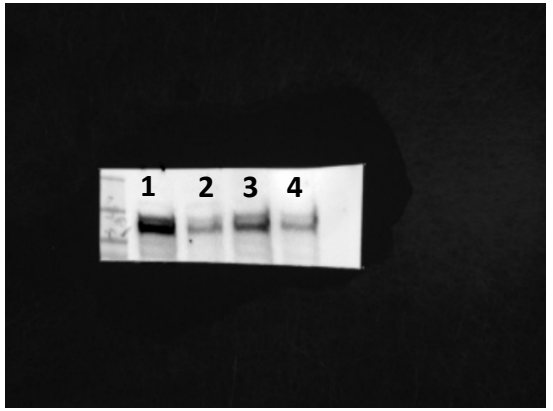
Full unedited gel for Figure 6D

T47D – Knockdown efficiency of DAB2IP, SRSF1 via siRNA. Increased expression of SRSF1 with knockdown of DAB2IP

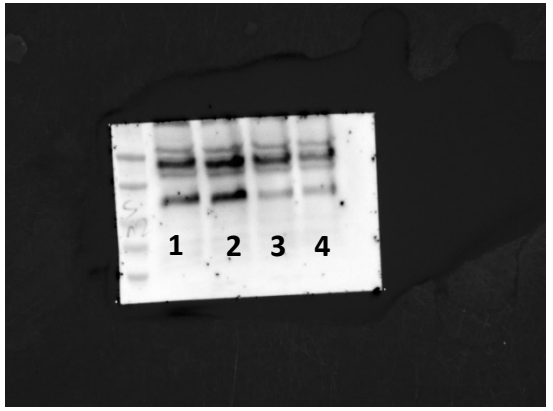
Blot was cut for incubation in antibodies

Lane 1: siControl
Lane 2: siDAB2IP
Lane 3: siSRSF1
Lane 4: siDAB2IP + siSRSF1

Anti-DAB2IP



Anti-SRSF1

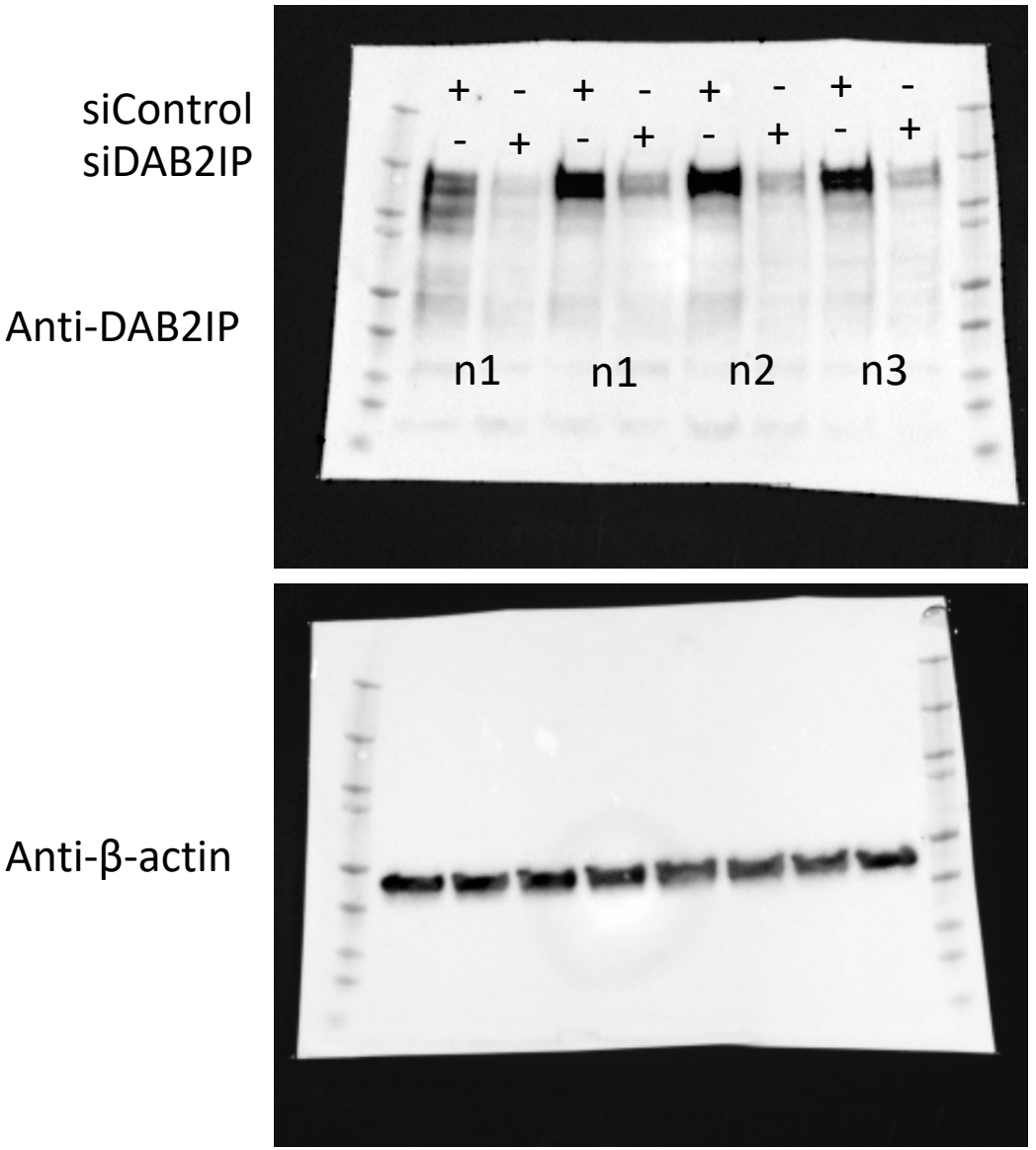


Anti-β-actin

Mol. wt of SRSF1 is 33 kDA, hence consider the lower band which also reduces substantially with knockdown

Full unedited gel for Suppl. Figure S3B

BT474 – Knockdown efficiency of DAB2IP via siRNA



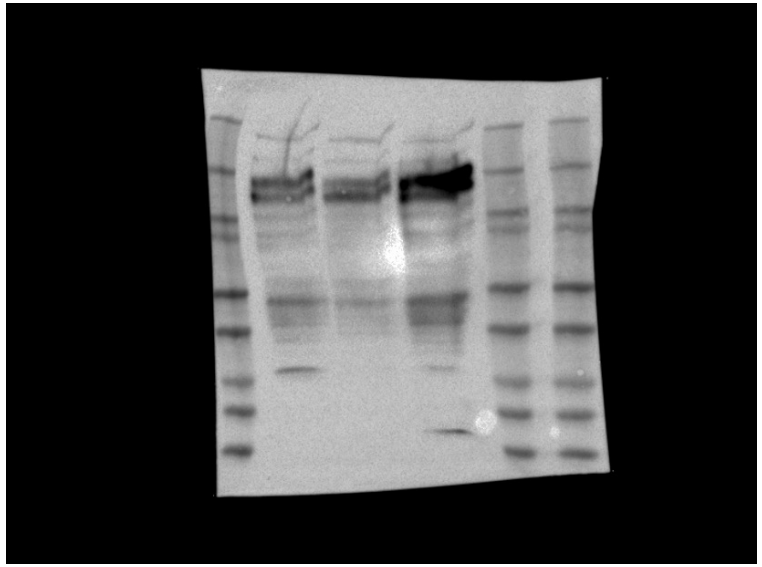
Note: n1 samples ran twice

Full unedited gel for Suppl. Figure S3C

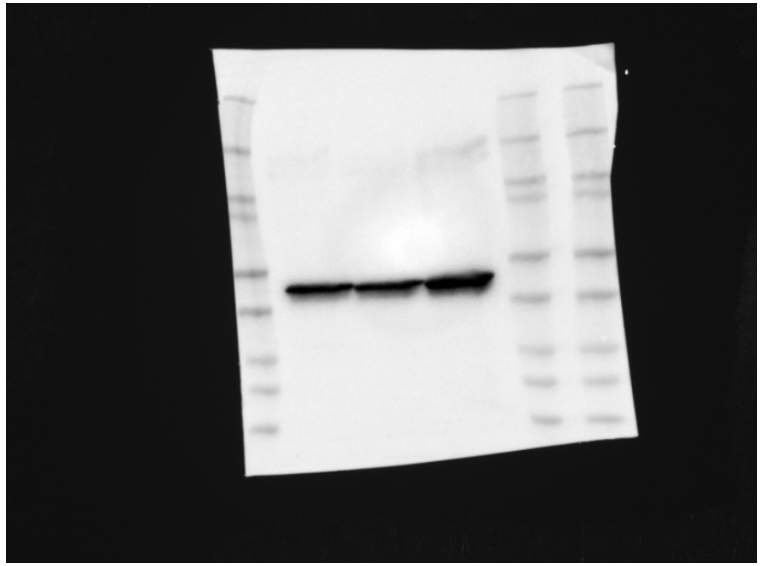
BT474 – Knockdown efficiency of DAB2IP via shRNA

shDAB2IP_C1
shDAB2IP_C6
shControl

Anti-DAB2IP



Anti-β-actin

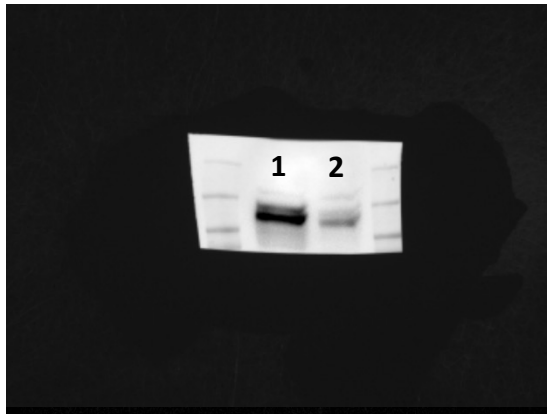


Full unedited gel for Suppl. Figure 5E

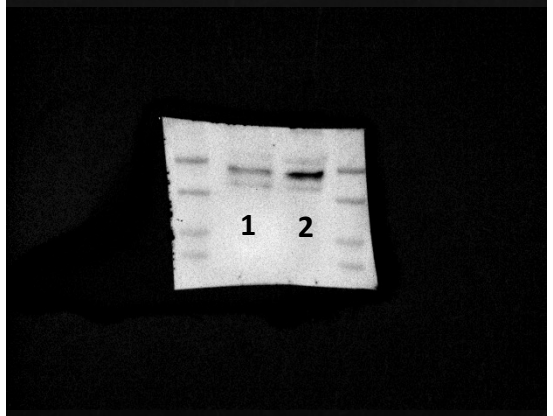
Increased expression of Phospho-p38 with decrease in DAB2IP

Lane 1: siControl
Lane 2: siDAB2IP

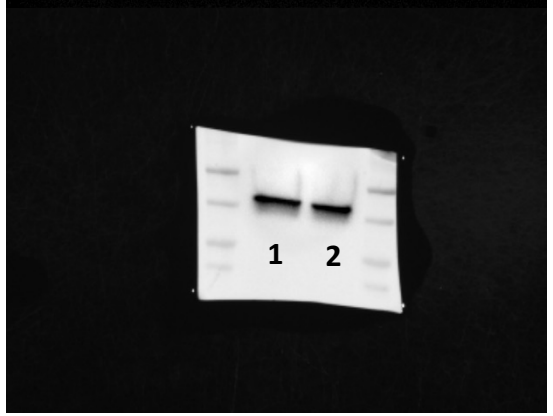
Anti-DAB2IP



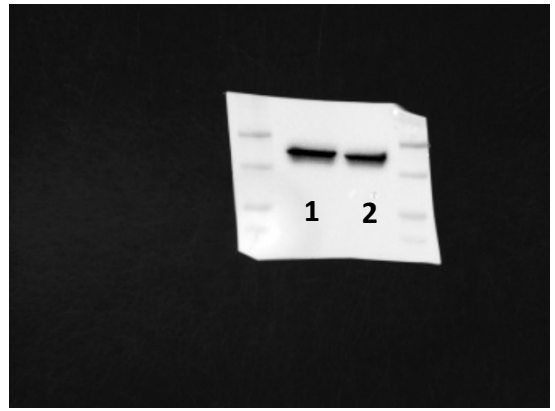
Phospho-p38



Total p38



Anti-β-actin



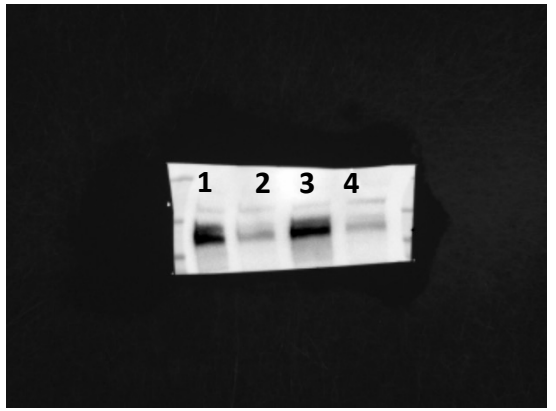
Full unedited gel for Suppl. Figure S8A

T47D – Knockdown efficiency
of DAB2IP, BIRC5 via siRNA.

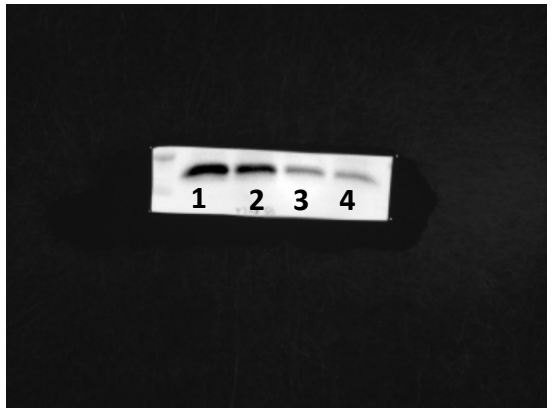
Blot was cut for incubation in antibodies

Lane 1: siControl
Lane 2: siDAB2IP
Lane 3: siBIRC5
Lane 4: siDAB2IP + siBIRC5

Anti-DAB2IP



Anti-BIRC5



Anti-β-actin