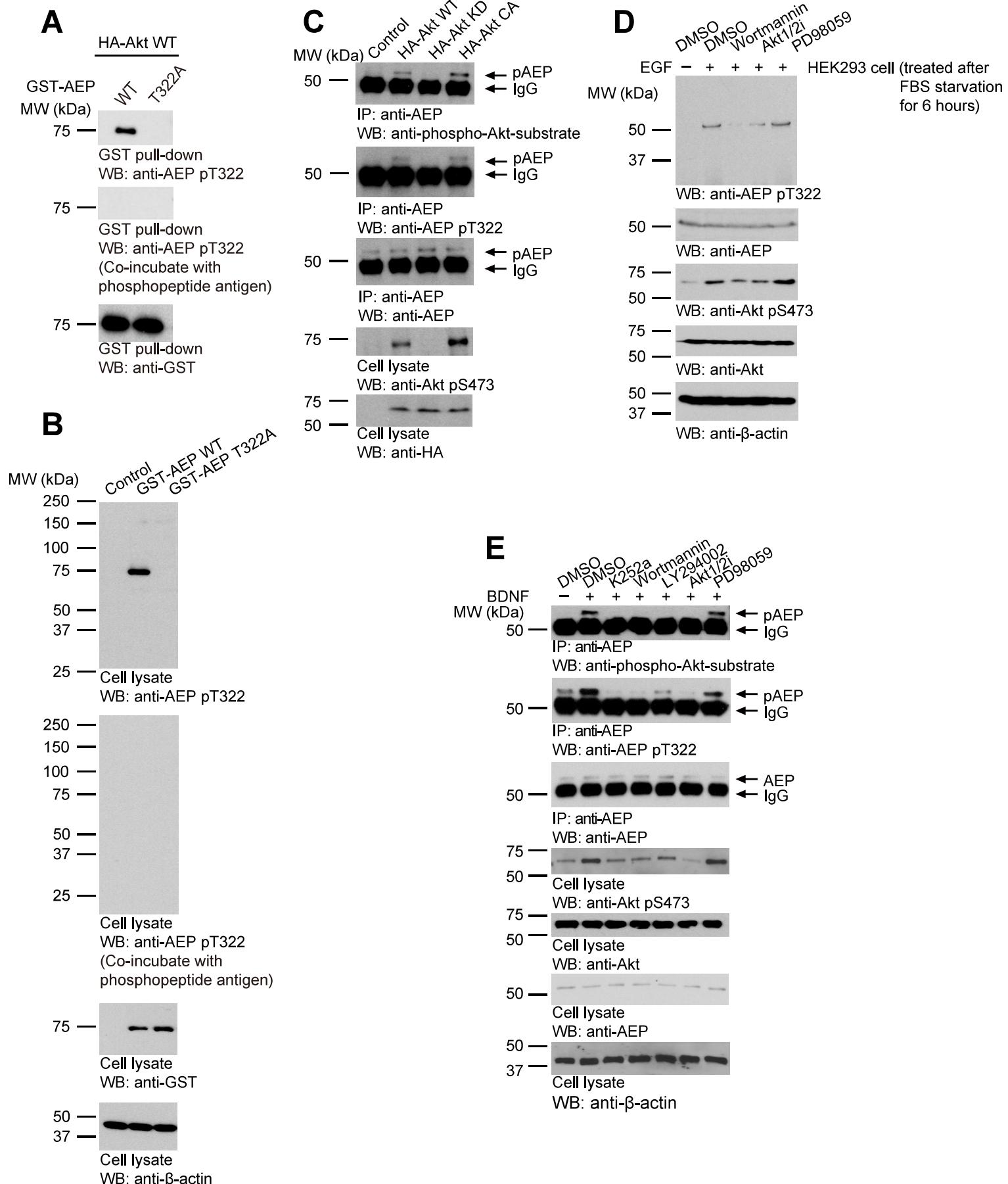


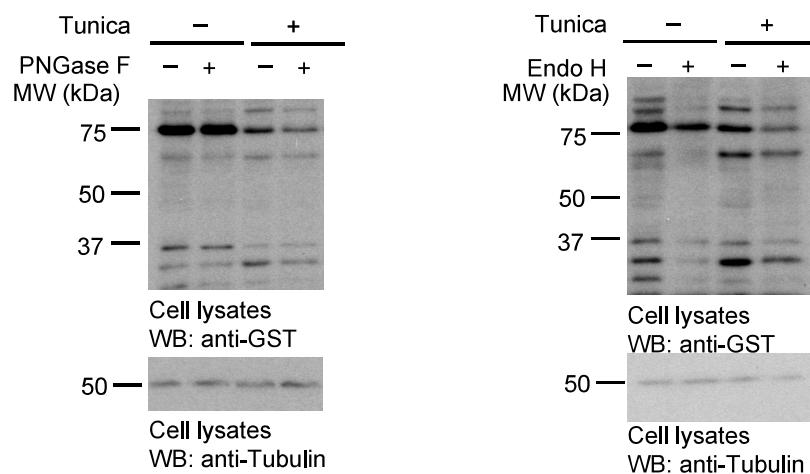
Supplementary Figure 1



Supplementary Figure 2

A

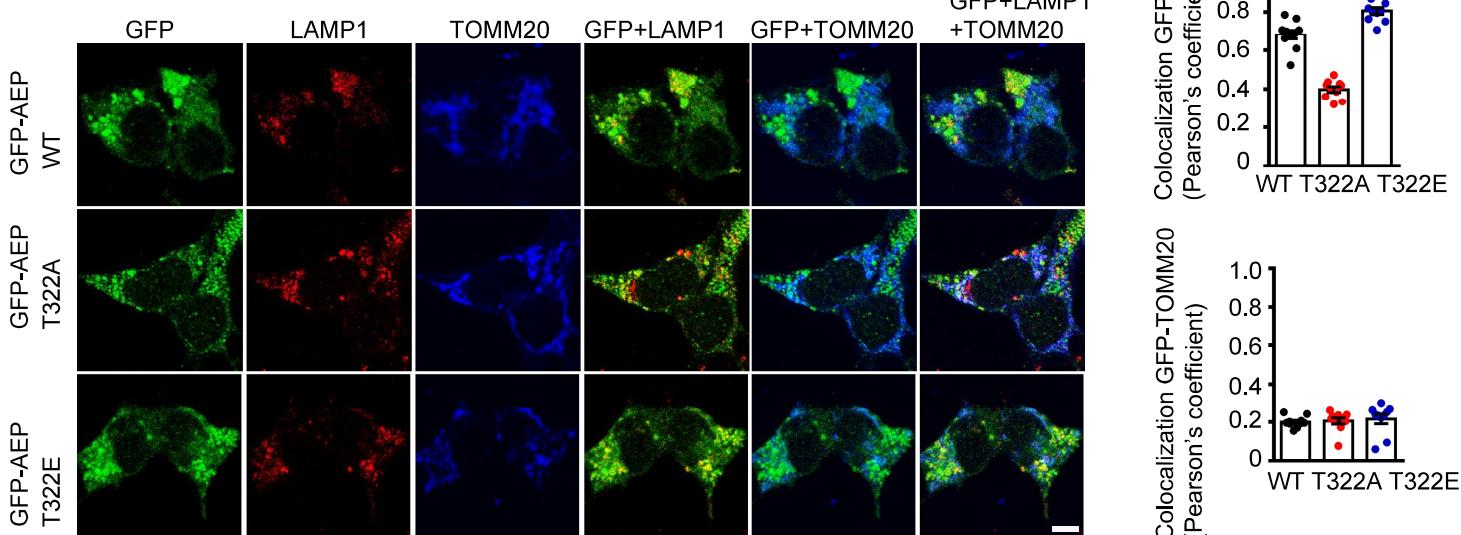
HEK293 cells transfected with GST-AEP



Supplementary Figure 3

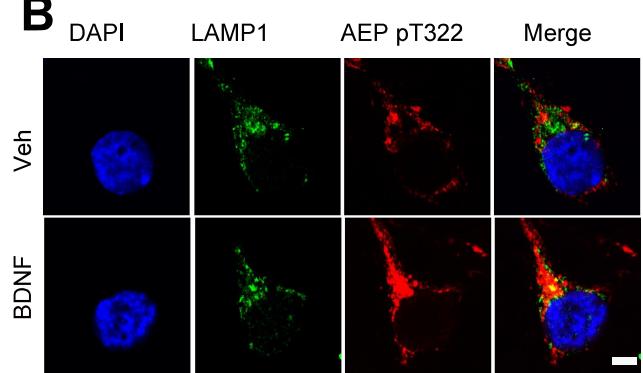
A

HEK293 cells

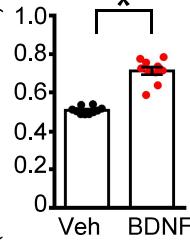


B

Neurons

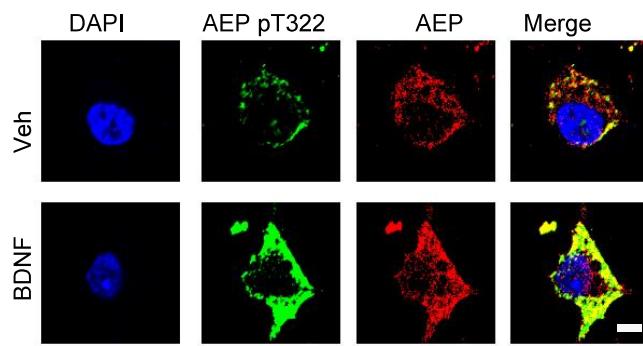


Colocalization LAMP1-AEP pT322
(Pearson's coefficient)

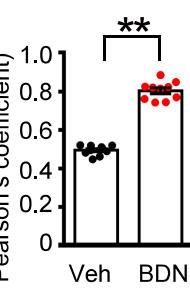


C

Neurons

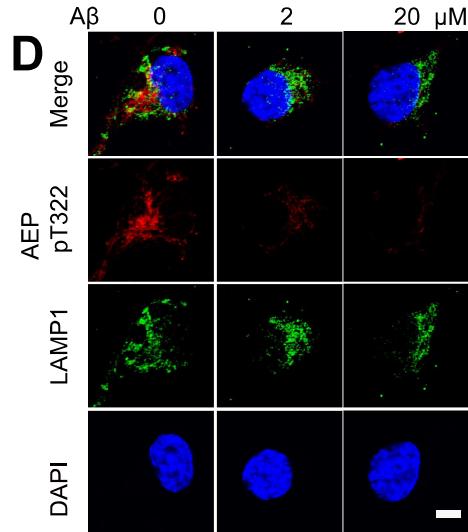


Colocalization AEP-AEP pT322
(Pearson's coefficient)

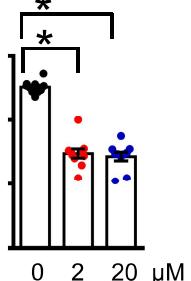


D

Neurons

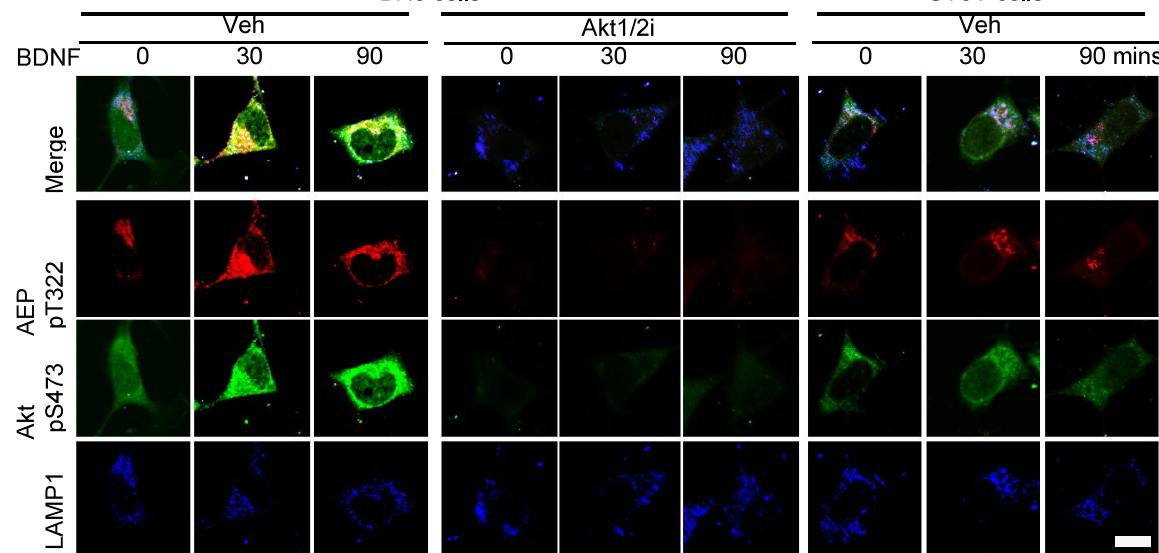


Colocalization
LAMP1-AEP pT322
(Pearson's coefficient)

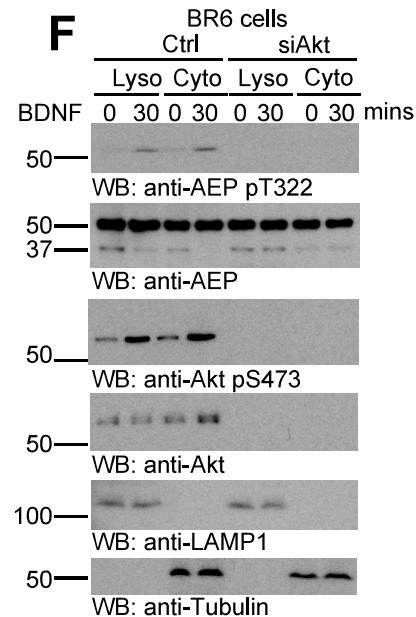


E

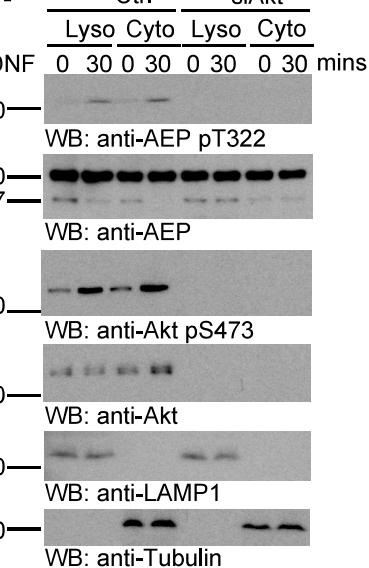
BR6 cells



SY5Y cells

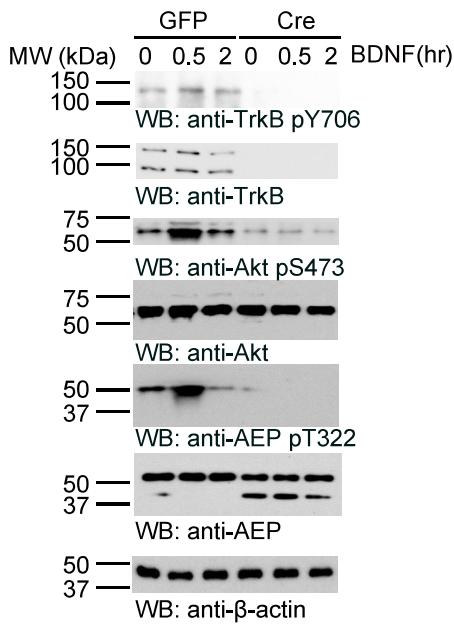


BR6 cells
Ctrl siAkt

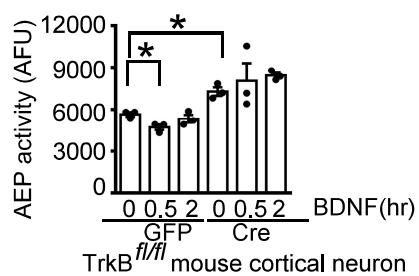


Supplementary Figure 4

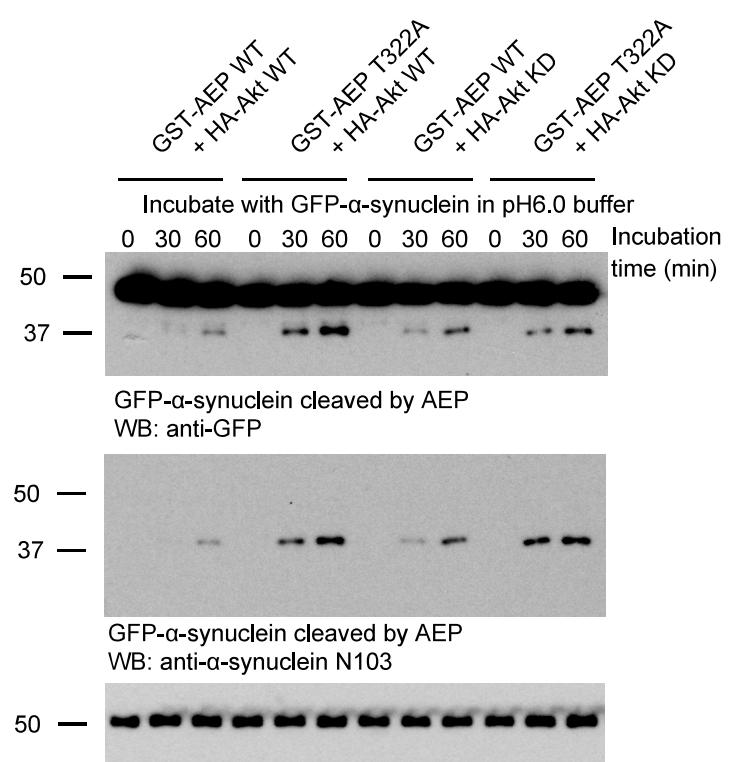
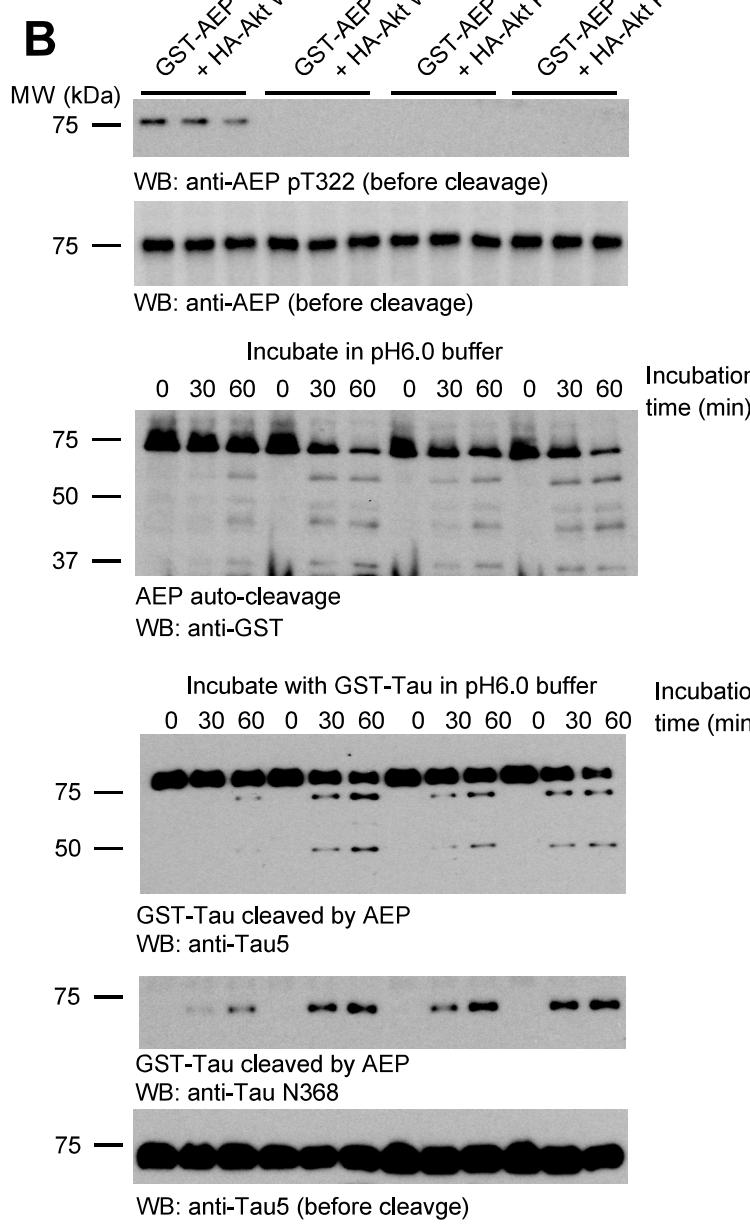
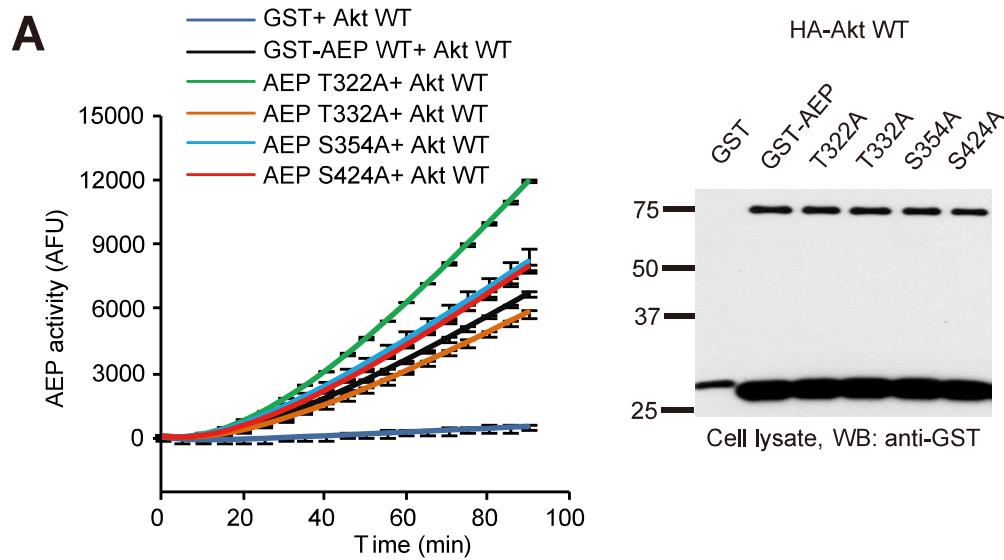
A TrkB^{f/f} mouse cortical neuron



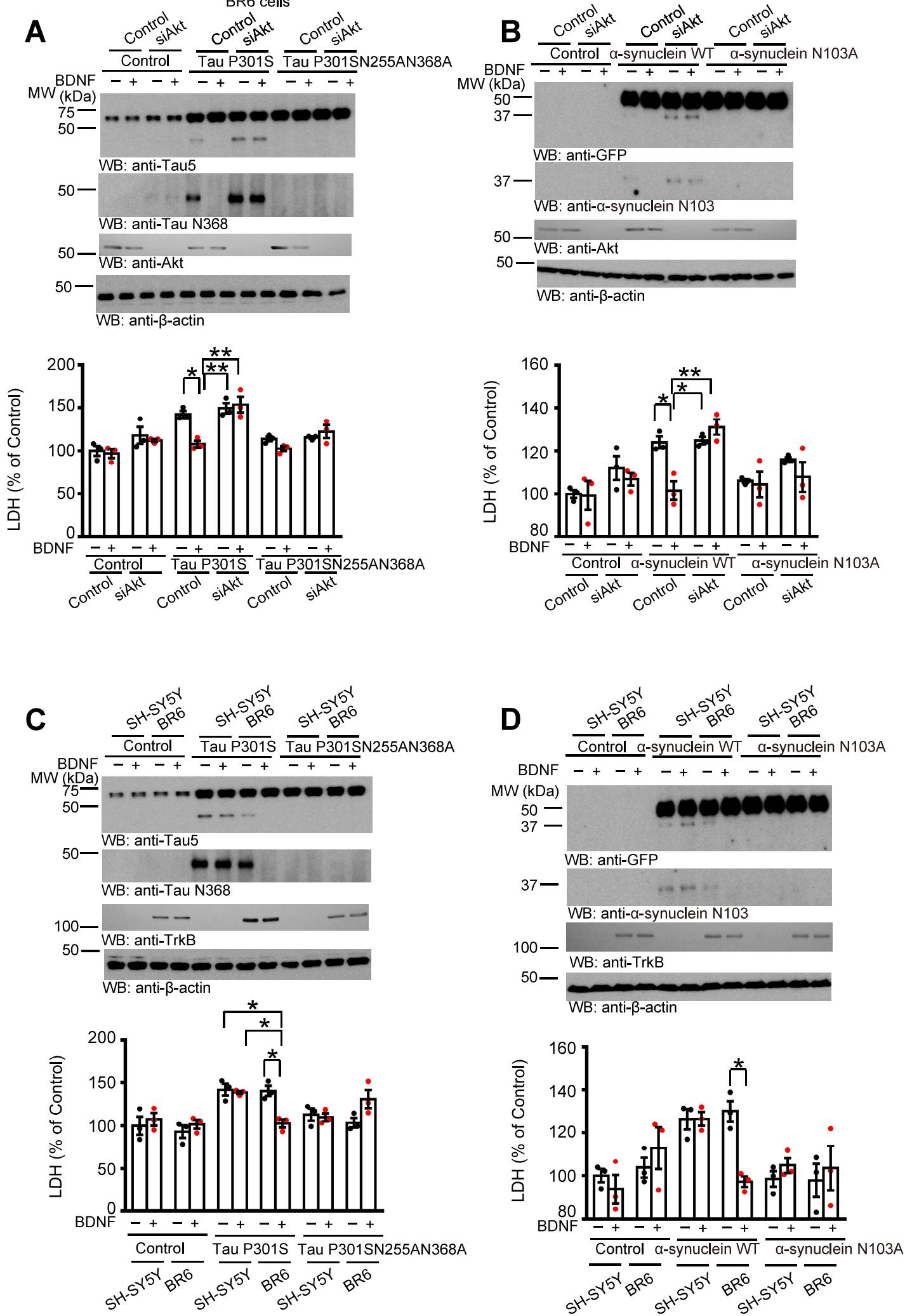
B



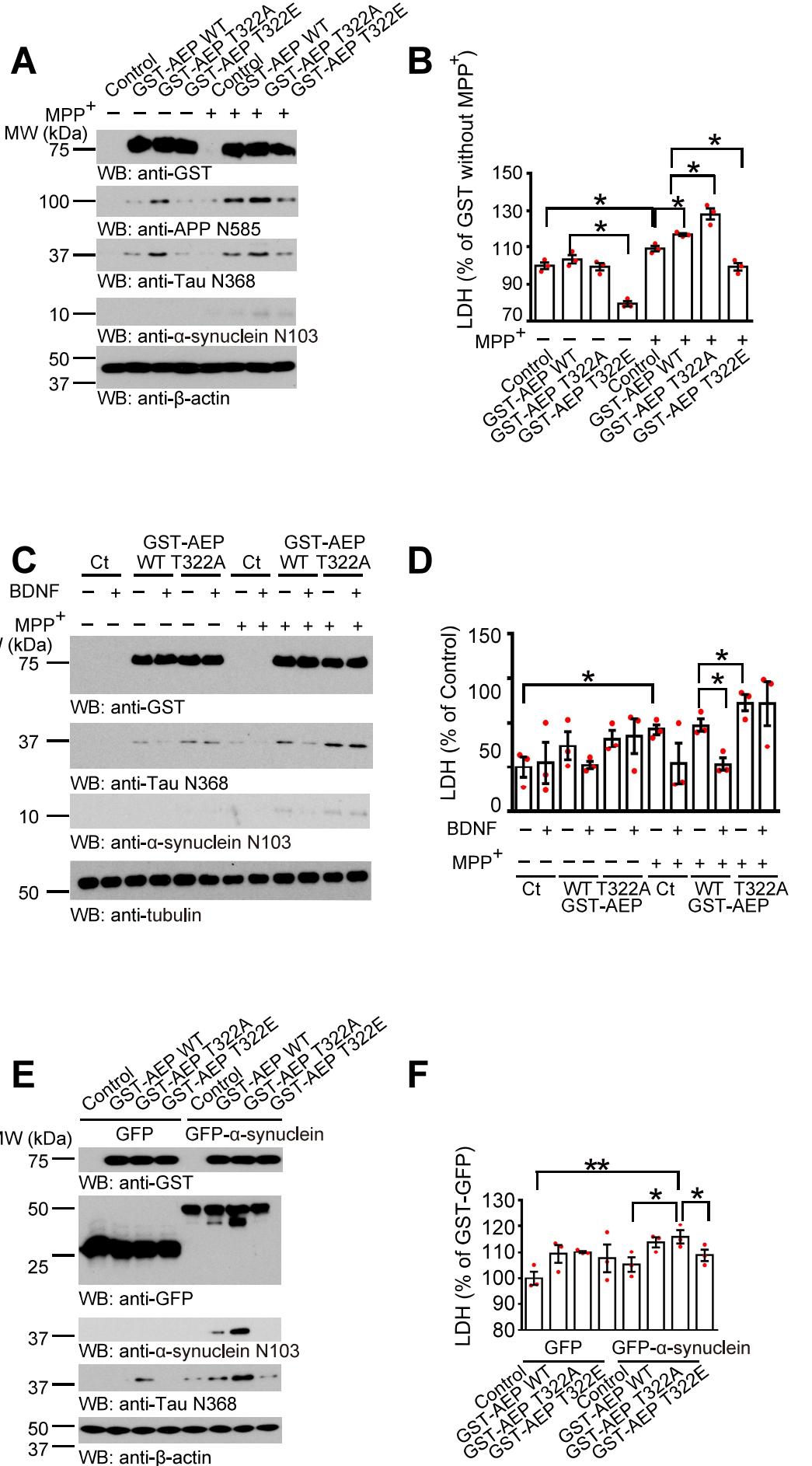
Supplementary Figure 5



Supplementary Figure 6

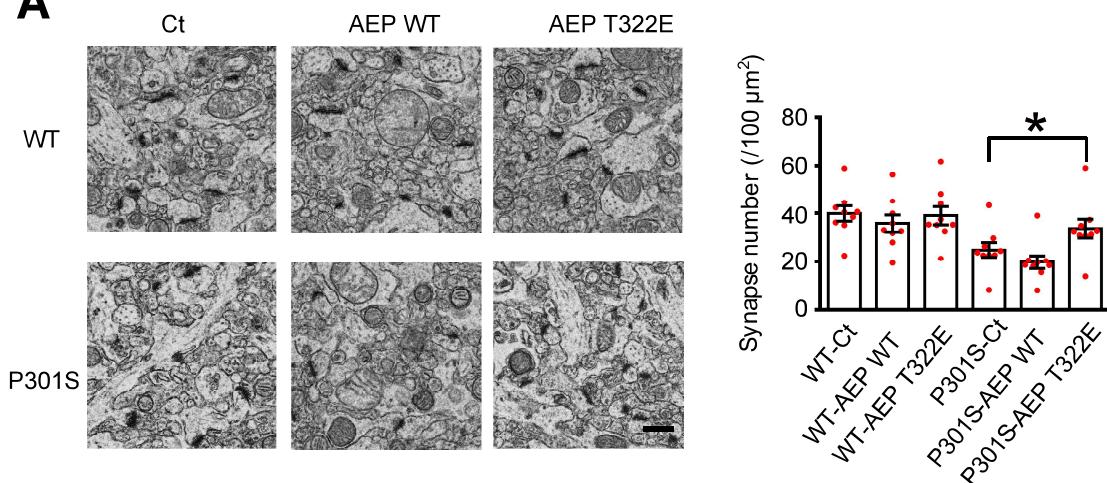


Supplementary Figure 7

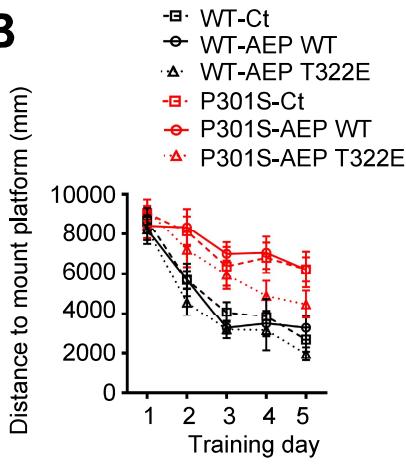


Supplementary Figure 8

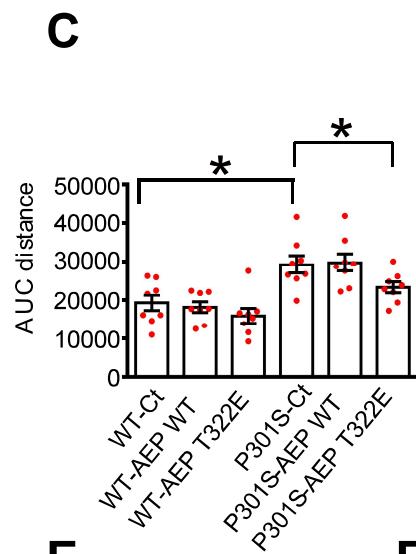
A



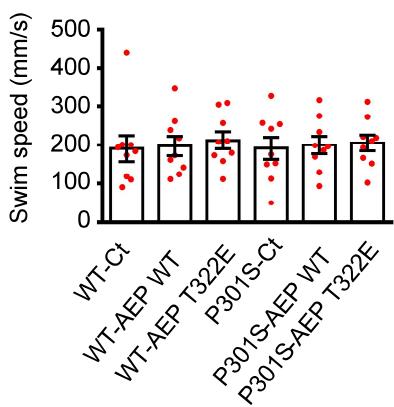
B



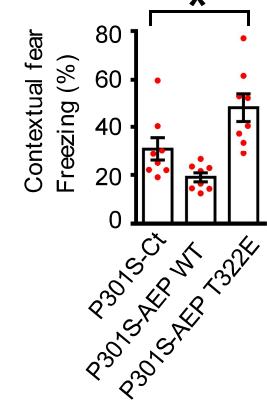
C



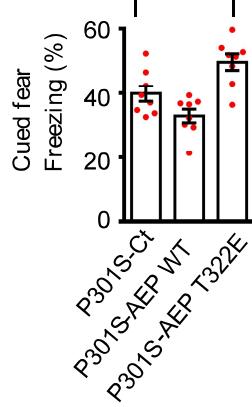
D



E

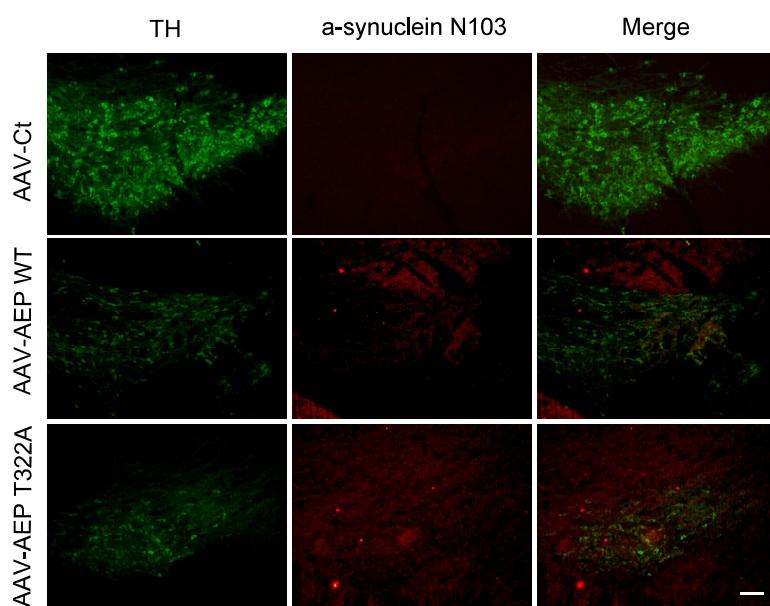


F



Supplementary Figure 9

A



B

