

Note: Iba1 band from Lane 2 is excluded from analysis (air bubble). GFAP data (red bands) is not presented in the main figures.

Supporting Files (Western blot) - Figure 4G



Tg26 Male

WT Male

Note: Iba1 band from Lane 5 is excluded from data analysis. GFAP data (red bands) is not presented in the main figures.

























→ β-actin (42kDa) → Syntaxin-1a (33kDa)

Supporting Files (Western blot) - Figure 5B



→ Test Antibody (unused data) → GAPDH (37kDa)



Notes:

- Lane 2: Microglial cell line BV2 was used as positive (+ve) control for GSK3 detection.



Notes:

The alpha and beta isoforms of total GSK3 (top left panel) did not separate well.

The same samples were run again (the gel on the right) and stained with total GSK3 and beta actin.



Low exposure for Green channel

Low exposure for Green channel





Low exposure for Green channel

Low exposure for Green channel

GAPDH (37kDa)





Synapsin-1 (77kDa)

β-actin (42kDa)



WT Male WT Male (Saline) (TDZD-8)



Synapsin-1 (77kDa)

β-actin (42kDa)



pan-Cadherin (140kDa) p-GluA1 Ser831 (106kDa)



pan-Cadherin (140kDa) p-GluA1 Ser831 (106kDa)



Synapsin-1 (77kDa)

β-actin (42kDa)