

UC Davis/NIH NeuroMab Facility

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Anti-TRIP8b (exon 4), NeuroMab clone N212/3

<u>Immunogen:</u>

Fusion protein amino acids 1-192 (exon 1a, exon 4 and constant region) of rat

TRIP8b (also known as TPR-containing Rab8b-interacting protein, Peroxisome biogenesis factor 5-like, Peroxin-5- or PEX5-related/like protein, Pex5Rp, Pex5l, Pex5r, Pex2, Pxr2, accession number Q925N3)

Mouse: 97% identity (147/151 amino acids identical) Human: 83% identity (180/216 amino acids identical)

Monoclonal antibody info:

Mouse strain: Balb/C Myeloma cell: SP2/0 Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: rat, mouse, human

Specific for exon 4 (does not react with TRIP8b isoforms with exons 1a, 1b or 2)

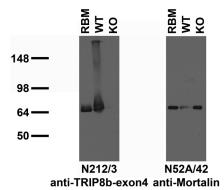
MW: 70 kDa

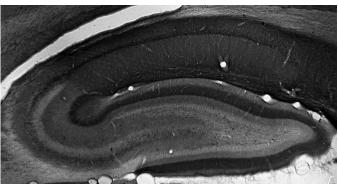
Top: adult rat brain immunoblot

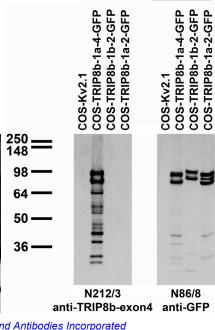
Bottom left: immunoblot versus crude membranes from adult rat brain (RBM) and WT and TRIP8b KO mouse brains probed with N212/3 (left) and N52A/42 (right) TC supe. Mouse samples courtesy of Dane Chetkovich (Northwestern University).

Bottom middle: adult rat hippocampus immunohistochemistry

Bottom right: transfected cell immunoblot: extracts of COS cells transiently transfected with GFP-tagged TRIP8b-1a-4, TRIP8b-1b-2, TRIP8b-1a-2 or untagged Kv2.1 plasmid and probed with N212/3 (left) and N86/8 (right) TC supe.







N212/3 Pure

279

164

121 •

98 •

50 ·

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