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

Available as TC supe (RRID: AB_2162409) & Pure IgG (RRID: AB_10671951)

Immunogen:

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, Pex5I, 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 lg Isotype: IgG1

<u>NeuroMab Applications:</u> Immunoblot and Immunocytochemistry

Species Reactivity: rat, mouse, human

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

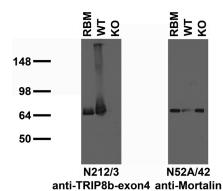
MW: 70 kDa

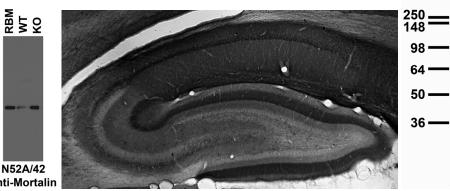
Top: adult rat brain immunoblot

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 T N212/3 P N212/3 P
²⁷⁹ 251 —	
164 —	
121 —	
98 —	
64 —	
50 —	
COS-Kv2.1 COS-TRIP8b-1a-4-GFP COS-TRIP8b-1b-2-GFP COS-TRIP8b-1a-2-GFP COS-TRIP8b-1a-2-GFP	COS-Kv2.1 COS-TRIP8b-1a-4-GFP COS-TRIP8b-1b-2-GFP COS-TRIP8b-1a-2-GFP

N212/3 N86/8 anti-TRIP8b-exon4 anti-GFP

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