



**Anti-TRIP8b (exon 1b), NeuroMab clone N212A/34**

Available as TC supe (RRID: AB\_10675330) & Pure IgG (RRID: AB\_10673515)

Immunogen:

Fusion protein amino acids 1-205 (exon 1b as MSDSEMDGRTHIPSLNALLSRNRVMQMSYL, exon 2 and constant region) of mouse 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 and Pxr2, accession number Q8C437-3)

Rat: >90% identity (150/163 amino acids identical), 100% identity with 1b-specific sequence

Human: >90% identity (163/174 amino acids identical), 100% identity with 1b-specific sequence

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

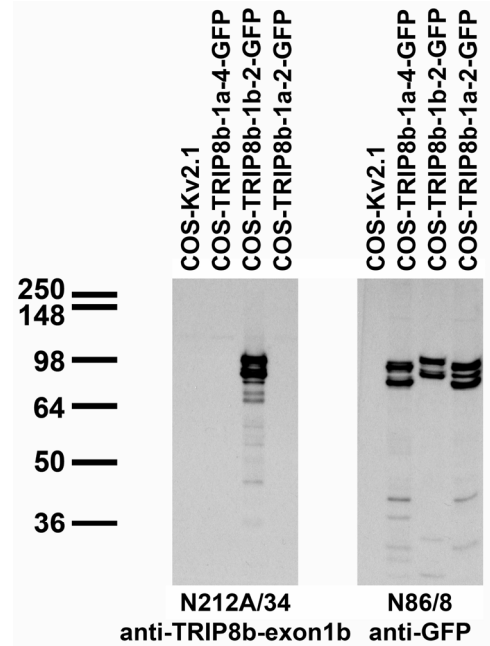
NeuroMab Applications:

Immunoblot and Immunocytochemistry

Species Reactivity: mouse, rat, human

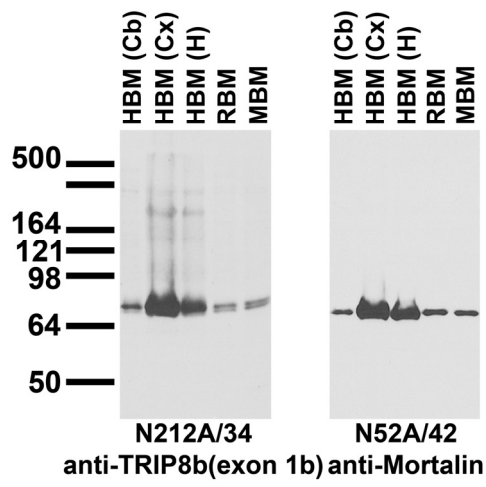
Specific for exon 1b (does not cross-react with TRIP8b isoforms containing exons 1a, 2 or 4)

MW: 70 kDa



Top: 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 N212A/34 (left) or N86/8 (right) TC supe.

Bottom left: immunoblot against crude membranes from whole rat (RBM) and mouse (MBM) brain and from human cerebellum (HBM(Cb)), cerebral cortex [HBM(Cx)] and hippocampus [HBM(H)] probed with N212A/34 (left) or N52A/42 (right) TC supe.



Bottom right: immunoblot versus crude membranes from adult rat brain (RBM) and WT and TRIP8b KO mouse brains probed with N212A/34 (left) and N52A/42 (right) TC supe.

Mouse samples courtesy of Dane Chetkovich (Northwestern University).

