

Anti-GluN1/NR1 glutamate receptor, NeuroMab clone N308/48

Immunogen:

Fusion protein amino acids 42-361 (extracellular N-terminus) of rat GluN1/NR1 (also known as N-methyl-D-aspartate receptor subunit NR1, NMDAR1, NMD-R1, GRIN1, Glutamate receptor subunit zeta-1 and Glur21, accession number P35439)

Mouse: 99% identity (319/320 amino acids identical)

Human: 99% identity (317/320 amino acids identical)

<50% identity with other Glutamate receptors

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

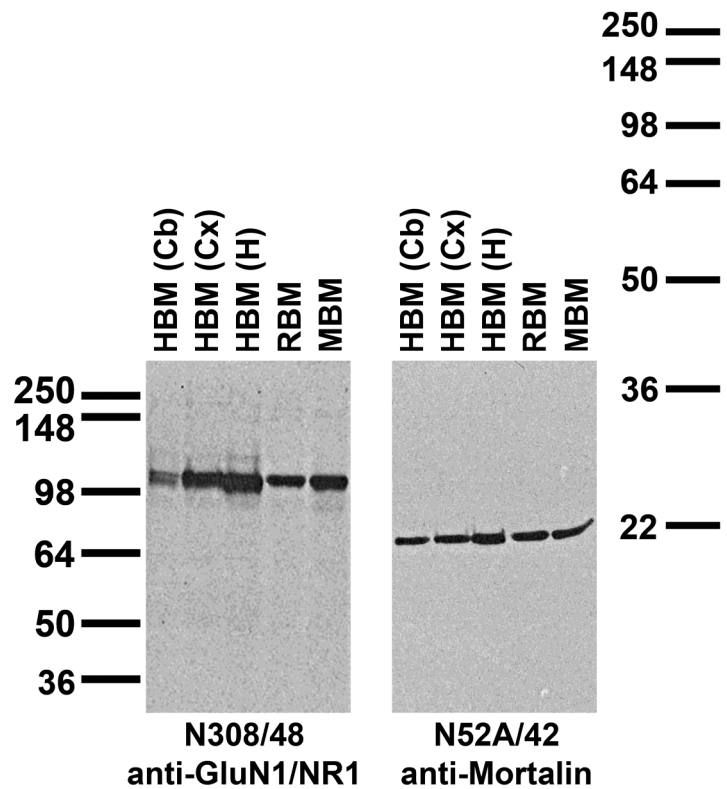
NeuroMab Applications:

Immunoblot, Immunocytochemistry and Immunohistochemistry

Species Reactivity: rat, mouse, human

MW: 105 kDa

Top left: immunoblot against crude membrane fractions from whole mouse (MBM) or rat (RBM) brain and from human cerebellum [HBM(Cb)], cerebral cortex [HBM(Cx)] or hippocampus [HBM(H)] and probed with N308/48 (left) or N52A/42 (right) TC supe.



N308/48 TC supe 1:1
 N308/48 Pure 10 µg/mL
 N308/48 Pure 1 µg/mL

Top right: adult rat brain membrane immunoblot

Bottom: adult rat hippocampus immunohistochemistry

