Anti-Neuroligin-1, NeuroMab clone N97A/31

Available as TC supe (RRID: AB_10671307) & Pure IgG (RRID: AB_2235964)

Immunoogen:
Fusion protein amino acids 718-843 (cytoplasmic C-terminus) of rat Neuroligin-1
(also known as Nlgn1 and Kiaa1070, accession number Q62765)
Mouse: 99% identity (125/126 amino acids identical)
Human: 99% identity (125/126 amino acids identical)
>40% identity with Neuroligin-2 and -3

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

NeuroMab Applications:
Immunoblotting, Immunocytochemistry and Immunohistochemistry

Species Reactivity: rat, mouse
Does not cross-react with other Neuroligins

MW: 120 kDa

Top left: immunoblot against crude membranes from adult mouse brain (MBM), extracts of COS cells transiently transfected with Neuroligin-1, -2, -3, -4 or -4* plasmid and extracts of brains from wild-type (WT) and Neuroligin-1 knockout (KO) mice probed with N97A/31 TC supe. Data courtesy of Marc Bolliger and Tom Sudhof (Stanford).

Top right: adult rat brain membrane immunoblot

Middle: adult rat hippocampus immunohistochemistry

Bottom: immunoblot against crude membranes from whole mouse (MBM) or rat (RBM) brain and from human hippocampus [HBM(H)], cerebral cortex [HBM(Cx)] or cerebellum [HBM(Cb)] probed with N97A/31 (left) or N52A/42 (right) TC supe.

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