



### Anti-Neuroigin-1, NeuroMab clone N97A/31

Available as TC supe (RRID: AB\_10671307) & Pure IgG (RRID: AB\_2235964)

#### Immunogen:

Fusion protein amino acids 718-843 (cytoplasmic C-terminus) of rat Neuroigin-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 Neuroigin-2 and -3

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

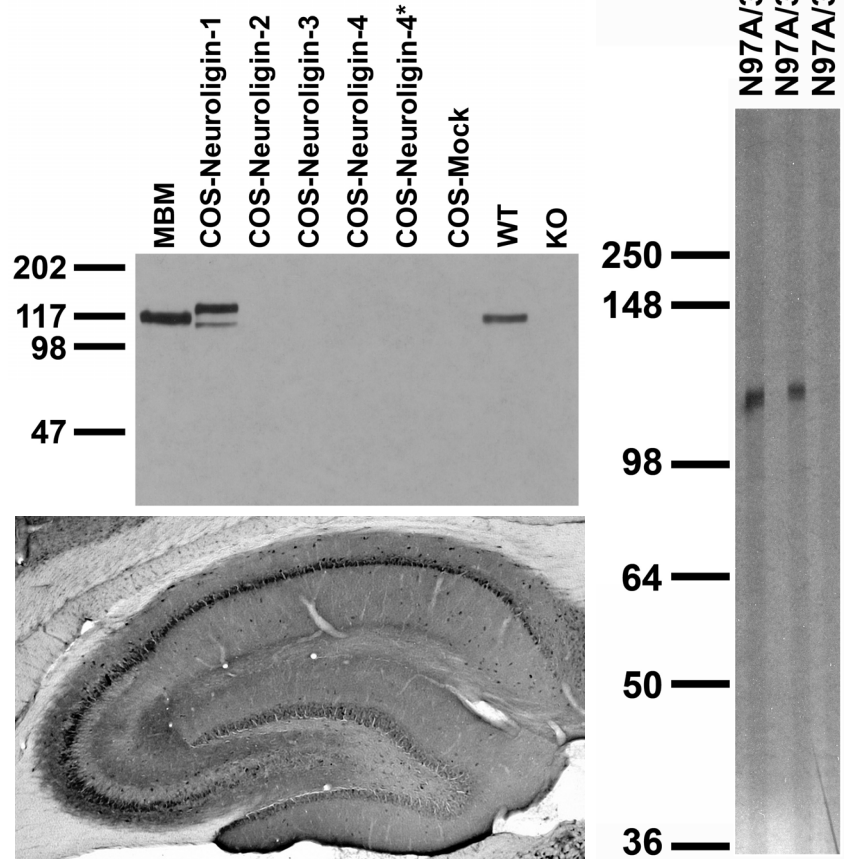
#### NeuroMab Applications:

Immunoblotting, Immunocytochemistry and Immunohistochemistry

Species Reactivity: rat, mouse

Does not cross-react with other Neuroiginins

MW: 120 kDa



Top left: immunoblot against crude membranes from adult mouse brain (MBM), extracts of COS cells transiently transfected with Neuroigin-1, -2, -3, -4 or -4\* plasmid and extracts of brains from wild-type (WT) and Neuroigin-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.

