



Anti-Neuroigin-3, NeuroMab clone N110/29

Available as TC supe (RRID: AB_10673403) & Pure IgG (RRID: AB_2151818)

Immunogen:

Fusion protein amino acids 730-848 (intracellular C-terminus) of rat Neuroigin-3 (also known as gliotactin homolog, accession number AAA97871)

Mouse: 99% identity (118/119 amino acids identical)

Human: 98% identity (116/119 amino acids identical)

~60% identity with Neuroigin-1

~40% identity with Neuroigin-2

Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG1

NeuroMab Applications:

Immunoblotting, Immunocytochemistry and Immunohistochemistry

Species Reactivity: human, mouse, rat

Does not cross-react with Neuroigin-1, -2, -4 or -4*

MW: 110 kDa

Top: adult mouse brain immunoblot: extracts of brains from Neuroigin-3 wild-type (WT) and knockout (KO) mice were probed with N110/29 TC supe. Data courtesy of Marc Bolliger and Tom Sudhof, UTSW (now at Stanford).

Bottom: adult mouse brain membrane (MBM) and transfected cell immunoblot: extracts of MBM and COS cells transiently transfected with Neuroigin-1, -2, -3, -4 and -4* plasmids and probed with N110/29 TC supe. Data courtesy of Marc Bolliger and Tom Sudhof, UTSW (now at Stanford).

Adult rat hippocampus immunohistochemistry

