

Product datasheet for 75-158

Nlgn3 Mouse Monoclonal Antibody [Clone ID: N110/29]

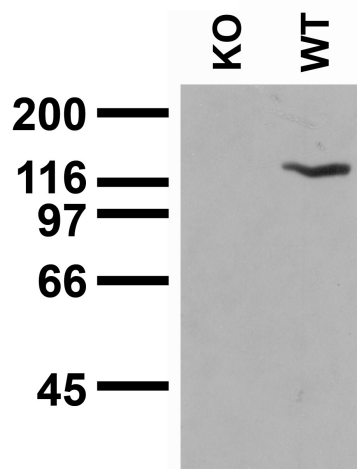
Product data:

Product Type:	Primary Antibodies
Clone Name:	N110/29
Applications:	IF, IHC, WB
Recommend Dilution:	Immunoblot (IB) Immunohistochemistry (IHC) Immunocytochemistry (ICC)
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 730-848 (intracellular C-terminus) of rat Neuroligin-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 Neuroligin-1. ~40% identity with Neuroligin-2.
Specificity:	Does not cross-react with Neuroligin-1, -2, -4 or -4*
Formulation:	State: Purified
Database Link:	Entrez Gene 54413 Human Entrez Gene 245537 Mouse Entrez Gene 171297 Rat
Synonyms:	NLGN3, KIAA1480, NL3
Note:	USERS will cite the UC Davis/NIH NeuroMab Facility in any publication(s) describing the research utilizing the MATERIALS. The suggested acknowledgment statement is as follows: "The monoclonal antibody _ was developed by and/or obtained from the UC Davis/NIH NeuroMab Facility, supported by NIH grant U24NS050606 and maintained by the Department of Neurobiology, Physiology and Behavior, College of Biological Sciences, University of California, Davis, CA 95616." Also, please include the complete clone number (e.g., N52A/42) and the Antibody Registry identification number (e.g., RRID:AB_2120479) to avoid ambiguity. View Research License Agreement

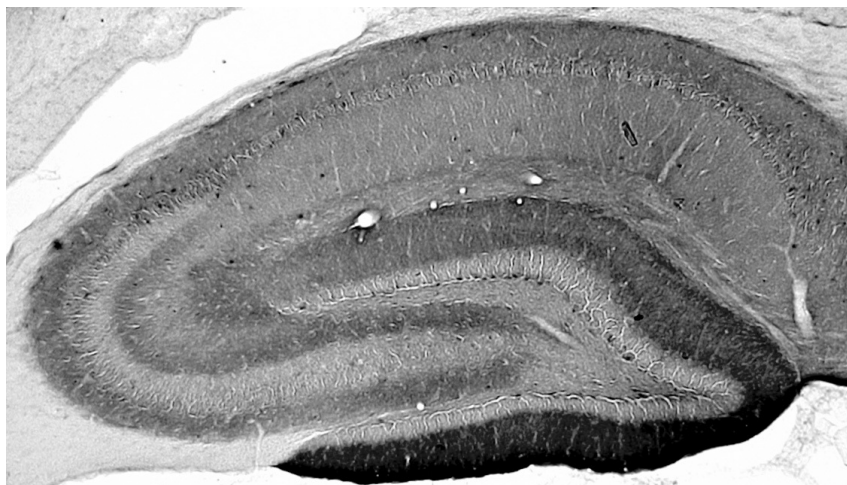


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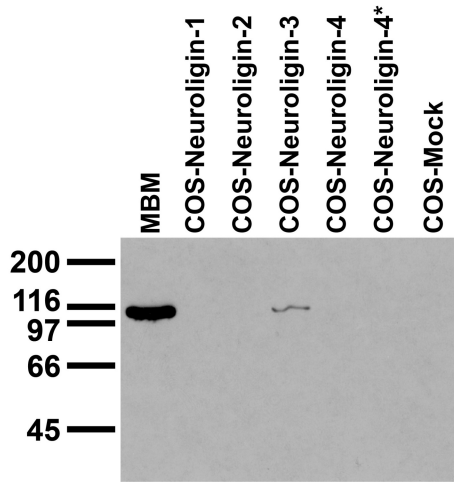
Product images:



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).



Adult rat hippocampus immunohistochemistry



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).