

Mouse Neuroligin-3 Monoclonal Antibody | anti-Nlgn3 antibody

Neuroligin-3 Monoclonal Antibody

CATALOG # AAA47865	HOST Mouse	APPLICATIONS Immunofluorescence, Immunoblot, Western Blot
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PRODUCT SYNONYMS

Neuroligin-3; Monoclonal Antibody; Neuroligin-3 Monoclonal Antibody; anti-Nlgn3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Specificity	This antibody recognizes human, mouse and rat Neuroligin-3. It does not crossreact with Neuroligin-1,-2, or-4.
Form/Format	100ug (1mg/ml) Protein G-purified antibody in PBS, pH 7.4, 0.1% sodium azide, 50% glycerol.
Sequence Length	848
Applicable Applications for anti-Nlgn3 antibody	IF (Immunofluorescence), IB (Immunoblot)
Immunogen	Fusion protein corresponding to aa 730-848 (intracellular C-terminus) of rat Neuroligin3. This sequence is 99% identical to mouse and 98% identical to human Neuroligin-3.
Preparation and Storage	This product is stable for at least one (1) year at -20 degree C.

IMAGES


Application Data

Detection of Neuroligin-3 in neuroblastoma cell line SK-N-BE at 10ug/ml: DAPI (blue) nuclear stain, Texas Red F actin stain, FITC (green) Neuroligin-3 stain.


Application Data

Detection of Neuroligin-3 in mouse brain lysate at 5ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-Nlgn3 antibody	Neuroligin-3 is a neuronal cell surface protein involved in cell-cell-interactions via its interactions with neurexin family members. It plays a role in synapse function and synaptic signal transmission, and may mediate its effects by clustering other synaptic proteins. It may also promote the initial formation of synapses and play a role in glia-glia or glia-neuron interactions in the developing peripheral nervous system. Mutations in this gene may be associated with autism and Asperger syndrome. Multiple transcript variants encoding distinct isoforms have been identified for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1145791
NCBI GeneID	171297

UniProt Accession #	Q62889
Molecular Weight	89,531 Da
NCBI Official Full Name	neuroligin 3
NCBI Official Synonym Full Names	neuroligin 3
NCBI Official Symbol	Nlgn3
NCBI Protein Information	neuroligin-3
UniProt Protein Name	Neuroligin-3
UniProt Gene Name	Nlgn3

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/neuroligin-3-antibody-immunofluorescence-immunoblot-elisa/47865>