NLGN1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NLGN1, Polyclonal Antibody
Full Product Name	NLGN1 Polyclonal Antibody
Product Gene Name	anti-NLGN1 antibody
Product Synonym Names	Neuroligin-1; NLGN1; KIAA1070
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Preparation and Storage	Store at-20 degree C for 1 year.
Molecular Weight	92
OMIM	600568
3D Structure	ModBase 3D Structure for Q8N2Q7
Immunogen	Synthesized peptide derived from human protein. at AA range: 410-490
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NLGN1 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-NLGN1 antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-NLGN1 antibody	MBS8530299 is an antibody targeting NLGN1. Also known as NLGN1 Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-NLGN1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NLGN1. It may not necessarily be applicable to this product.

NCBI GI #	7662470
NCBI GeneID	22871
NCBI Accession #	NP_055747.1
UniProt Primary Accession #	Q8N2Q7
UniProt Secondary Accession #	Q9UPT2
UniProt Related Accession #	Q8N2Q7
GenBank Nucleotide #	NM_014932.3

NCBI Official Full Name	neuroligin-1
NCBI Official Synonym Full Names	neuroligin 1
NCBI Official Symbol	NLGN1
NCBI Official Synonym Symbols	NL1
UniProt Protein Name	Neuroligin-1
Protein Family	Neuroligin
UniProt Gene Name	NLGN1
UniProt Synonym Gene Names	KIAA1070
NCBI Protein Information	neuroligin-1
NCBI Summary for NLGN1	This gene encodes a member of a family of neuronal cell surface proteins. Members of this family may act as splice site-specific ligands for beta-neurexins and may be involved in the formation and remodeling of central nervous system synapses. [provided by RefSeq, Jul 2008]
UniProt Comments for NLGN1	Cell surface protein involved in cell-cell-interactions via its interactions with neurexin family members. Plays a role in synapse function and synaptic signal transmission, and probably mediates its effects by recruiting and clustering other synaptic proteins. May promote the initial formation of synapses, but is not essential for this. In vitro, triggers the de novo formation of presynaptic structures. May be involved in specification of excitatory synapses. Required to maintain wakefulness quality and normal synchrony of cerebral cortex activity during wakefulness and sleep.
Research Articles on NLGN1	**1.** Findings support a contribution of the NLGN1 gene pathway to the neurobiological underpinnings of PTSD.
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