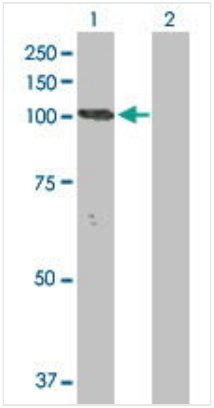
NLGN3 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NLGN3, Polyclonal Antibody
Full Product Name	NLGN3 (Neuroligin-3, Gliotactin Homolog, KIAA1480, NL3, KIAA1480, ASPGX1, AUTSX1) (Biotin)
Product Gene Name	anti-NLGN3 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human NLGN3.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
Immunogen	Full length human NLGN3, aa1-828 (AAH51715.1).
Immunogen Sequence	MWLRLGPPSLSLSPKPTVGRSLCLTLWFLSLALRASTQAPAPTVNTHFGKLRGARVPLPSEILGPVDQYLGVPYAAPPIGEKRFLPPEPPPYWSGIRNATH
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-NLGN3 antibody	Antibodies; Neuroligins
Applications Tested/Suitable for anti-NLGN3 antibody	Western Blot (WB)
Application Notes for anti-NLGN3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-NLGN3 antibody	Cell surface protein involved in cell-cell-interactions via its interactions with neurexin family members. Plays a role in synapse function and synaptic sig
Other Notes	Small volumes of anti-NLGN3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for NLGN3 purchase	MBS6387086 is an antibody targeting NLGN3. Also known as NLGN3 (Neuroligin-3, Gliotactin Homolog, KIAA1480, NL3, KIAA1480, ASPGX1, AUTSX



Western Blot (WB) of anti-NLGN3 antibody
Western Blot analysis of NLGN3 expression in transfected 293T cell line by NLGN3 polyclonal antibody. Lane 1: NLGN3 transfected lysate (91.8kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NLGN3. It may not necessarily be applicable to this product.

NCBI GI #	30353761
NCBI GeneID	54413
NCBI Accession #	BC051715.1
NCBI Related Accession #	AAH51715.1
UniProt Related Accession #	Q9NZ94
NCBI Official Full Name	Homo sapiens neuroligin 3, mRNA
NCBI Official Synonym Full Names	neuroligin 3
NCBI Official Symbol	NLGN3
NCBI Official Synonym Symbols	HNL3
Protein Family	Neuroligin
NCBI Protein Information	neuroligin-3
NCBI Summary for NLGN3	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. Mutations in this gene may be associated with autism and Asperger syndrome. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Oct 2009]
Research Articles on NLGN3	**1.** Our report of two missense variants affecting the normal localization of NLGN3 in a total of five affected individuals reinforces the involvement of the NLGN3 gene in a neurodevelopmental disorder characterized by ID and ASD.
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