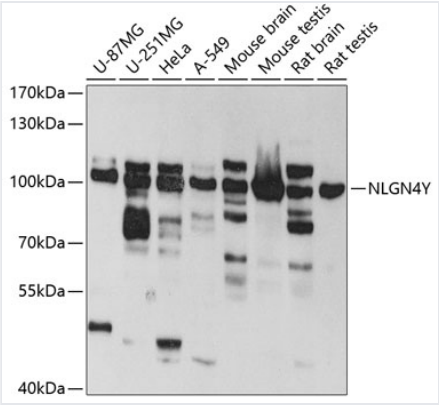
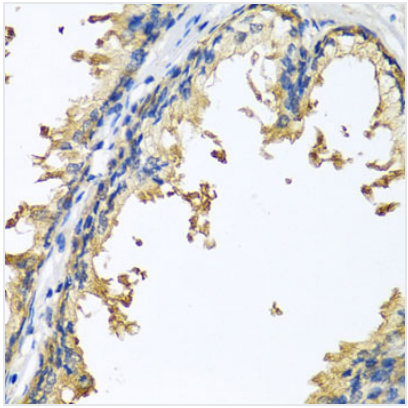
NLGN4Y Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NLGN4Y, Polyclonal Antibody
Full Product Name	NLGN4Y Polyclonal Antibody
Product Gene Name	anti-NLGN4Y antibody
Product Synonym Names	NLGN4Y; neuroligin-4; Y-linked
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	PBS with 50% glycerol, pH7.4
Purity/Purification	Affinity purification
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.
Molecular Weight	92,021 Da
OMIM	400028
3D Structure	ModBase 3D Structure for Q8NFZ3
Immunogen	Recombinant fusion protein of human NLGN4Y (NP_001157710.1).
Conjugation	Unconjugated
Product Categories/Family for anti-NLGN4Y antibody	Total protein Ab
Applications Tested/Suitable for anti-NLGN4Y antibody	Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-NLGN4Y antibody	WB: 1:500-1:2000 IHC: 1:50-1:100
Related Product Information for anti-NLGN4Y antibody	This gene encodes a type I membrane protein that belongs to the family of neuroligins, which are cell adhesion molecules present at the postsynaptic side of the synapse, and may be essential for the formation of functional synapses. Alternatively spliced transcript variants have been found for this gene.
Other Notes	Small volumes of anti-NLGN4Y 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.
Searchable Terms for NLGN4Y purchase	MBS9433710 is an antibody targeting NLGN4Y. Also known as NLGN4Y Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-NLGN4Y antibody
Western blot analysis of extracts of various cell lines, using NLGN4Y antibody.



Immunohistochemistry (IHC) of anti-NLGN4Y antibody
Immunohistochemistry of paraffin-embedded human prostate using NLGN4Y antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NLGN4Y. It may not necessarily be applicable to this product.

NCBI GI #	256222832
NCBI GeneID	22829
NCBI Accession #	NP_001157710.1
UniProt Primary Accession #	Q8NFZ3
UniProt Secondary Accession #	Q14D08; Q7Z3T5; Q8N5B6; Q9Y2F8; F5H6W0
UniProt Related Accession #	Q8NFZ3
GenBank Nucleotide #	NM_001164238.1
NCBI Official Full Name	neuroligin-4, Y-linked isoform 2
NCBI Official Synonym Full Names	neuroligin 4, Y-linked
NCBI Official Symbol	NLGN4Y
UniProt Protein Name	Neuroligin-4, Y-linked
Protein Family	Neuroligin
UniProt Gene Name	NLGN4Y
UniProt Synonym Gene Names	KIAA0951; Neuroligin Y
UniProt Entry Name	NLGNY_HUMAN
NCBI Protein Information	neuroligin-4, Y-linked
UniProt Comments for NLGN4Y	NLGN4Y: Putative neuronal cell surface protein involved in cell- cell-interactions. Belongs to the type-B carboxylesterase/lipase family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: Yq11.221 Cellular Component: postsynaptic membrane; extracellular space; cell surface; integral to plasma membrane; postsynaptic density; synapse; cell junction Molecular Function: protein binding; neurexin binding; receptor activity; cell adhesion molecule binding Biological Process: regulation of synaptic transmission; synaptogenesis; metabolic process; neuron adhesion; social behavior; learning

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-mouse-rat-antibody/nlgn4y/9433710