

Rabbit NLGN3 Polyclonal Antibody | anti-NLGN3 antibody

NLGN3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328064	Rabbit	Human, Mouse, Rat	ELISA, Western Blot

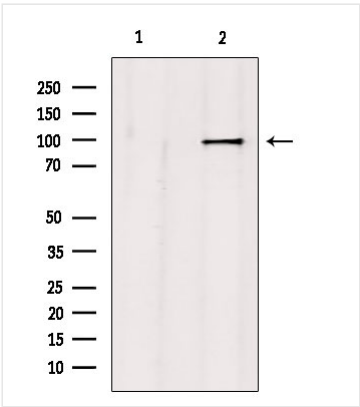
PRODUCT SYNONYMS

NLGN3; Polyclonal Antibody; NLGN3 Antibody; Gliotactin homolog; HNL3; Neuroligin-3; Nlgn3; NLGN3_HUMAN; anti-NLGN3 antibody

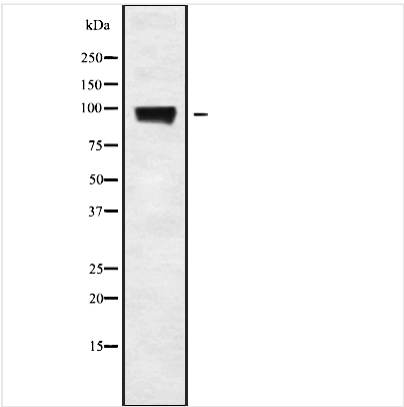
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NLGN3 antibody detects endogenous levels of total NLGN3
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	808
Applicable Applications for anti-NLGN3 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human NLGN3
Subcellular Location	Plasma Membrane
Tissue Specificity	Expressed in the blood vessel walls (at protein level). Detected in throughout the brain and in spinal cord. Detected in brain, and at lower levels in pancreas islet beta cells.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2, using NLGN3 Antibody. Lane 1 was treated with the blocking peptide.



WB (Western Blot)
Western blot analysis NLGN3 using HT29 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-NLGN3 antibody	Function: 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 may mediate its effects by clustering other synaptic proteins. May promote the initial formation of synapses, but is not essential for this. May also play a role in glia-glia or glia-neuron interactions in the developing peripheral nervous system (By similarity). Subunit Structure: Interacts with NRXN1, NRXN2 and NRXN3. Interacts (via its C-terminus) with DLG4/PSD-95 (via PDZ domain 3) (By similarity). Homodimer, and heterodimer with NLGN1 and NLGN2 (By similarity). Similarity: Belongs to the type-B carboxylesterase/lipase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	262359974
NCBI GeneID	54413
NCBI Accession #	NP_001160132.1
NCBI GenBank Nucleotide #	NM_001166660.1
UniProt Accession #	Q9NZ94; Q86V51; Q8NCD0; Q9NZ95; Q9NZ96; Q9NZ97; Q9P248; B2RBK1; D2X2H6; D3DVV0; D3DVV1
Molecular Weight	Observed: 94 kDa Predicted: 94 kDa
NCBI Official Full Name	neuroligin-3 isoform 3
NCBI Official Synonym Full Names	neuroligin 3
NCBI Official Symbol	NLGN3
NCBI Official Synonym Symbols	HNL3
NCBI Protein Information	neuroligin-3
UniProt Protein Name	Neuroligin-3
UniProt Gene Name	NLGN3
UniProt Synonym Gene Names	KIAA1480; NL3

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.