

Rabbit NLGN4X Polyclonal Antibody | anti-NLGN4X antibody

NLGN4X antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200008	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

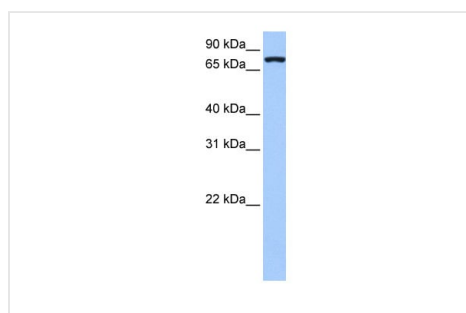
PRODUCT SYNONYMS

NLGN4X; Polyclonal Antibody; NLGN4X antibody - middle region; anti-NLGN4X antibody

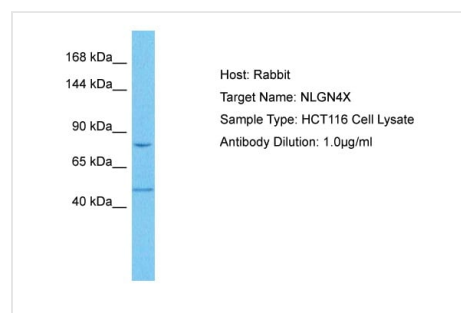
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EL FSCNFSKNDV MLSAVVMYTW TNFAKTGDPN QPVPQDTKFI HTKPNRFE
Sequence Length	816
Applicable Applications for anti-NLGN4X antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human NLGN4X
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-NLGN4X Antibody Titration: 0.2-1 ug/ml Positive Control: Hela cell lysate


WB (Western Blot)

Host: Rabbit Target Name: NLGN4X Sample Tissue: Human HCT116 Whole Cell Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-NLGN4X antibody	This is a rabbit polyclonal antibody against NLGN4X. It was validated on Western Blot using a cell lysate as a positive control. Target Description: NLGN4X is 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. It interacts with discs, large (Drosophila) homolog 4 (DLG4). NLGN4X might play a role in the autism and Asperger syndrome. Western blots using two different antibodies against two unique regions of this protein target confirm the same apparent molecular weight in our tests. 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. The encoded protein interacts with discs, large (Drosophila) homolog 4 (DLG4). Mutations in this gene have been associated with autism and Asperger syndrome. Two transcript variants encoding the same protein have been identified for this gene.
Product Categories/Family for anti-NLGN4X antibody	Polyclonal; Signal Proteins; Cell Adhesion; Membrane Protein; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	24308209
NCBI GeneID	57502
NCBI Accession #	NP_065793
NCBI GenBank Nucleotide #	NM_020742
UniProt Accession #	Q8NFZ3; Q8N0W4
Molecular Weight	92kDa
NCBI Official Full Name	neuroligin-4, X-linked
NCBI Official Synonym Full Names	neuroligin 4 X-linked
NCBI Official Symbol	NLGN4X
NCBI Official Synonym Symbols	HLNX; HNL4X; NLGN4; ASPGX2; AUTSX2
NCBI Protein Information	neuroligin-4, X-linked
UniProt Protein Name	Neuroligin-4, Y-linked
UniProt Gene Name	NLGN4Y
UniProt Synonym Gene Names	KIAA0951; Neuroligin Y
UniProt Entry Name	NLGN4_HUMAN

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.