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Rabbit Anti-NLGN4X antibody

SL11099R

Product Name:	NLGN4X
Chinese Name:	神经元X连锁蛋白/儿童自闭症相关蛋白抗体
Alias:	X-linked; HNLX; KIAA1260; Neuroligin X; Neuroligin-4; NLGN4; NLGN 4; NLGN4X; Neuroligin 4 X linked; Neuroligin 4; Neuroligin X; NLGN; NLGN-4; NLGN4X; NLGN4Y; NLGNX_HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,Zebrafish,Chimpanzee,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	92kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human NLGN4X:101-200/816<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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. [provided by RefSeq, Jul 2008].

Function:
Putative neuronal cell surface protein involved in cell-cell-interactions.

Subunit:
Belongs to the type-B carboxylesterase/lipase family.

Subcellular Location:
Membrane.

Tissue Specificity:
Expressed at highest levels in heart. Expressed at lower levels in liver, skeletal muscle and pancreas and at very low levels in brain.

DISEASE:
Defects in NLGN4X may be the cause of susceptibility to autism X-linked type 2 (AUTSX2). AUTSX2 is a pervasive developmental disorder (PDD), prototypically characterized by impairments in reciprocal social interaction and communication, restricted and stereotyped patterns of interests and activities, and the presence of developmental abnormalities by 3 years of age. Defects in NLGN4X may be the cause of susceptibility to X-linked Asperger syndrome 2 (ASPGX2). ASPGX2 is considered to be a form of childhood autism.

Similarity:
Belongs to the type-B carboxylesterase/lipase family.

SWISS:
Q8N0W4

Gene ID:
57502

Database links:

Entrez Gene: 57502Human

Omim: 300427Human

SwissProt: Q8N0W4Human

Unigene: 21107Human

Important Note:

	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.