



NLGN4X Antibody (N-term) Blocking Peptide

Synthetic peptide Catalog # BP14757a

Specification

NLGN4X Antibody (N-term) Blocking Peptide - Product Information

Primary Accession <u>O8N0W4</u>

NLGN4X Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 57502

Other Names

Neuroligin-4, X-linked, Neuroligin X, HNLX, NLGN4X, KIAA1260, NLGN4

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NLGN4X Antibody (N-term) Blocking Peptide - Protein Information

Name NLGN4X

Synonyms KIAA1260, NLGN4

Function

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

Cellular Location

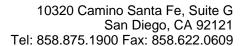
Cell membrane; Single-pass type I membrane protein. Cell junction, synapse, postsynaptic density membrane

NLGN4X Antibody (N-term) Blocking Peptide - Background

This gene encodes a member of a family of neuronal cellsurface proteins. Members of this family may act as splicesite-specific ligands for beta-neurexins and may be involved in theformation and remodeling of central nervous system synapses. Theencoded protein interacts with discs, large (Drosophila) homolog 4(DLG4). Mutations in this gene have been associated with autism andAsperger syndrome. Two transcript variants encoding the sameprotein have been identified for this gene.

NLGN4X Antibody (N-term) Blocking Peptide - References

Kelemenova, S., et al. Psychiatr. Genet. 20(4):137-139(2010)Leone, P., et al. EMBO J. 29(14):2461-2471(2010)Zhang, K., et al. Neuropsychobiology 62(4):221-228(2010)Zhang, C., et al. J. Neurosci. 29(35):10843-10854(2009)Guilmatre, A., et al. Arch. Gen. Psychiatry 66(9):947-956(2009)





Tissue Location

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

NLGN4X Antibody (N-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides