

NLGN4X Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP14757a

Specification

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

Primary Accession [Q8NOW4](#)

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

Cell surface protein involved in cell-cell-interactions via its interactions with neurexin family members.

Cellular Location

Cell membrane; Single-pass type I membrane protein. Postsynaptic density membrane

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](#)

NLGN4X Antibody (N-term) Blocking Peptide - Images

NLGN4X Antibody (N-term) Blocking Peptide - Background

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.

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)