

## 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

Neuroigin-4, X-linked, Neuroigin 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 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)

**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](#)