

NLGN4Y Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16091a**Specification**

NLGN4Y Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q8NFZ3](#)**NLGN4Y Antibody (N-term) Blocking Peptide - Additional Information**

Gene ID 22829

Other Names

Neurologin-4, Y-linked, Neurologin Y, NLGN4Y, KIAA0951

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.

NLGN4Y Antibody (N-term) Blocking Peptide - Protein Information

Name NLGN4Y

Synonyms KIAA0951

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 in fetal and adult brain, prostate and testis.

NLGN4Y Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NLGN4Y Antibody (N-term) Blocking Peptide - Images**NLGN4Y Antibody (N-term) Blocking Peptide - Background**

Neuroligins, such as NLGN4Y, are cell adhesion molecules present at the postsynaptic side of the synapse and may be essential for the formation of functional synapses (Jamain et al., 2003 [PubMed 12669065]).

NLGN4Y Antibody (N-term) Blocking Peptide - References

Serajee, F.J., et al. J. Child Neurol. 24(10):1258-1261(2009) Yan, J., et al. Psychiatr. Genet. 18(4):204-207(2008) Yamakawa, H., et al. Biochem. Biophys. Res. Commun. 355(1):41-46(2007) Ylisaukko-oja, T., et al. Eur. J. Hum. Genet. 13(12):1285-1292(2005) Skaletsky, H., et al. Nature 423(6942):825-837(2003)