

NRXN3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP18845b**Specification**

NRXN3 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q9HDB5](#)

NRXN3 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 9369

Other Names

Neurexin-3-beta, Neurexin III-beta, Neurexin-3-beta, soluble form, Neurexin-3-beta, C-terminal fragment, NRXN3-CTF, NRXN3, KIAA0743

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.

NRXN3 Antibody (C-term) Blocking Peptide - Protein Information

Name NRXN3

Synonyms KIAA0743

Function

Neuronal cell surface protein that may be involved in cell recognition and cell adhesion. May mediate intracellular signaling (By similarity).

Cellular Location

Presynaptic cell membrane; Single-pass type I membrane protein

Tissue Location

Expressed in the blood vessel walls (at protein level).

NRXN3 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NRXN3 Antibody (C-term) Blocking Peptide - Images

NRXN3 Antibody (C-term) Blocking Peptide - Background

Neurexins are a family of proteins that function in the vertebrate nervous system as cell adhesion molecules and receptors. They are encoded by several unlinked genes of which two, NRXN1 and NRXN3, are among the largest known human genes. Three of the genes (NRXN1-3) utilize two alternate promoters and include numerous alternatively spliced exons to generate thousands of distinct mRNA transcripts and protein isoforms. The majority of transcripts are produced from the upstream promoter and encode alpha-neurexin isoforms; a much smaller number of transcripts are produced from the downstream promoter and encode beta-neurexin isoforms. The alpha-neurexins contain epidermal growth factor-like (EGF-like) sequences and laminin G domains, and have been shown to interact with neurexophilins. The beta-neurexins lack EGF-like sequences and contain fewer laminin G domains than alpha-neurexins. [provided by RefSeq].

NRXN3 Antibody (C-term) Blocking Peptide - References

Saus, E., et al. J Psychiatr Res 44(14):971-978(2010) Hotta, K., et al. J. Hum. Genet. (2010) In press
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18(7):815-820(2010) Novak, G., et al. World J. Biol. Psychiatry 10 (4 PT 3), 929-935 (2009) :