

NTN1 Blocking Peptide (C-term)
Synthetic peptide
Catalog # BP20462b**Specification**

NTN1 Blocking Peptide (C-term) - Product Information

Primary Accession [O95631](#)
Other Accession [Q2HXL4](#), [Q09118](#), [Q90922](#)

NTN1 Blocking Peptide (C-term) - Additional Information

Gene ID 9423

Other Names

Netrin-1, Epididymis tissue protein Li 131P, NTN1, NTN1L

Target/Specificity

The synthetic peptide sequence is selected from aa 583-596 of Human NTN1

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.

NTN1 Blocking Peptide (C-term) - Protein Information

Name NTN1

Synonyms NTN1L

Function

Netrins control guidance of CNS commissural axons and peripheral motor axons. Its association with either DCC or some UNC5 receptors will lead to axon attraction or repulsion, respectively. Binding to UNC5C might cause dissociation of UNC5C from polymerized TUBB3 in microtubules and thereby lead to increased microtubule dynamics and axon repulsion (PubMed:28483977). Involved in dorsal root ganglion axon projection towards the spinal cord (PubMed:28483977). It also serves as a survival factor via its association with its receptors which prevent the initiation of apoptosis. Involved in tumorigenesis by regulating apoptosis (PubMed:15343335).

Cellular Location

Secreted. Cytoplasm. Note=Mainly secreted

Tissue Location

Widely expressed in normal adult tissues with highest levels in heart, small intestine, colon, liver and prostate Reduced expression in brain tumors and neuroblastomas. Expressed in epididymis (at protein level).

NTN1 Blocking Peptide (C-term) - Protocols

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

- [Blocking Peptides](#)

NTN1 Blocking Peptide (C-term) - Images**NTN1 Blocking Peptide (C-term) - Background**

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NTN1 Blocking Peptide (C-term) - References

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Li J., et al. Mol. Cell. Proteomics 9:2517-2528(2010).
Mazelin L., et al. Nature 431:80-84(2004).
Liu G., et al. Proc. Natl. Acad. Sci. U.S.A. 106:2951-2956(2009).