

NTNG1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP8532c**Specification**

NTNG1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O9Y2I2](#)
Other Accession [NP_055732.2](#), [NP_001106697.1](#),
[NP_001106699.1](#)

NTNG1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 22854

Other Names

Netrin-G1, Laminet-1, NTNG1, KIAA0976, LMNT1

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.

NTNG1 Antibody (Center) Blocking Peptide - Protein Information

Name NTNG1

Synonyms KIAA0976, LMNT1

Function

Involved in controlling patterning and neuronal circuit formation at the laminar, cellular, subcellular and synaptic levels. Promotes neurite outgrowth of both axons and dendrites.

Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor; Extracellular side

Tissue Location

Highly expressed in the thalamus, with very low expression, if any, in other tissues.

NTNG1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

NTNG1 Antibody (Center) Blocking Peptide - Images**NTNG1 Antibody (Center) Blocking Peptide - Background**

Netrin G1 (NTNG1) belongs to a conserved family of proteins that act as axon guidance cues during vertebrate nervous system development (Nakashiba et al., 2000 [PubMed10964959]).

NTNG1 Antibody (Center) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Sokolowski, M., et al. Mol. Psychiatry 15(1):10-11(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Trynka, G., et al. Gut 58(8):1078-1083(2009)