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NTNG1 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP8532c

Specification

NTNG1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession	Q9Y2I2
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 ofproteins that act as axon guidance cues during vertebrate nervoussystem 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)