

**NTNG1 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8532a**

**Specification**

**NTNG1 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [Q9Y2I2](#)

**NTNG1 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 22854

**Other Names**

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

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8532a](#) was selected from the N-term region of human NTNG1. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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 (N-term) 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 (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **NTNG1 Antibody (N-term) Blocking Peptide - Images**

### **NTNG1 Antibody (N-term) Blocking Peptide - Background**

NTNG1 promotes neurite outgrowth of both axons and dendrites.

### **NTNG1 Antibody (N-term) Blocking Peptide - References**

Ohtsuki,T., et.al., *Neurosci. Lett.* 435 (3), 194-197 (2008) Li,Y., et.al., *PLoS ONE* 3 (7), E2707 (2008)