

**NTN1 / Netrin 1 Antibody (C-Terminus)**  
**Goat Polyclonal Antibody**  
**Catalog # ALS14252****Specification**

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**NTN1 / Netrin 1 Antibody (C-Terminus) - Product Information**

Application	WB, IHC-P, E
Primary Accession	<a href="#">O95631</a>
Reactivity	Human, Mouse, Rat, Zebrafish, Monkey, Xenopus, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	68kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

**NTN1 / Netrin 1 Antibody (C-Terminus) - Additional Information****Gene ID** 9423**Other Names**

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

**Target/Specificity**

Human NTN1 / Netrin 1.

**Reconstitution & Storage**

Store at -20°C. Minimize freezing and thawing.

**Precautions**

NTN1 / Netrin 1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**NTN1 / Netrin 1 Antibody (C-Terminus) - 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:<a href="http://www.uniprot.org/citations/28483977" target="\_blank">28483977</a>). Involved in dorsal root ganglion axon projection towards the spinal cord (PubMed:<a href="http://www.uniprot.org/citations/28483977" target="\_blank">28483977</a>). 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:<a href="http://www.uniprot.org/citations/15343335" target="\_blank">15343335</a>).

#### 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 / Netrin 1 Antibody (C-Terminus) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### NTN1 / Netrin 1 Antibody (C-Terminus) - Images



NTN1 antibody (0.5 ug/ml) staining of Rat Brain lysate (35 ug protein/ml in RIPA buffer).

### NTN1 / Netrin 1 Antibody (C-Terminus) - Background

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. It also serve as a survival factor via its association with its receptors which prevent the initiation of apoptosis. Involved in tumorigenesis by regulating apoptosis.

### NTN1 / Netrin 1 Antibody (C-Terminus) - References

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Mazelin L.,et al.Nature 431:80-84(2004).  
Liu G.,et al.Proc. Natl. Acad. Sci. U.S.A. 106:2951-2956(2009).

