

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

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

Application	WB
Primary Accession	O95631
Reactivity	Human, Mouse, Rat, Zebrafish, Monkey, Xenopus, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	68kDa KDa

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:[28483977](http://www.uniprot.org/citations/28483977)). Involved in dorsal root ganglion axon projection towards the spinal cord (PubMed:[28483977](http://www.uniprot.org/citations/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](http://www.uniprot.org/citations/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 / 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

- Meyerhardt J.A., et al. Cell Growth Differ. 10:35-42(1999).
Zody M.C., et al. Nature 440:1045-1049(2006).
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).