

Netrin 1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51402**Specification**

Netrin 1 Antibody - Product Information

Application	WB, IHC-P, E
Primary Accession	O95631
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	75 KDa

Netrin 1 Antibody - Additional Information**Gene ID** 9423**Other Names**

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

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Netrin 1 Antibody - 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).

Netrin 1 Antibody - 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](#)

Netrin 1 Antibody - Images

Netrin 1 Antibody - Background

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Netrin 1 Antibody - 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).