

NTN1 / Netrin 1 Antibody (C-Terminus) Goat Polyclonal Antibody

Catalog # ALS14252

Specification

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

Application Primary Accession Reactivity

Host Clonality Calculated MW Dilution WB, IHC-P, E <u>O95631</u> Human, Mouse, Rat, Zebrafish, Monkey, Xenopus, Bovine Goat Polyclonal 68kDa KDa 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:28483977). Involved in dorsal root ganglion axon projection towards the spinal cord (PubMed: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).

Cellular Location

Secreted. Cytoplasm. Note=Mainly secreted

Tissue Location

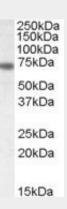
Widely expressed in normal adult tissues with highest levels in heart, small intestine, colon, liver and prostate Reduced expression in brain tumors and neuroblastomas. Expressed in epididymis (at protein level).

NTN1 / Netrin 1 Antibody (C-Terminus) - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

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).

