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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). 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.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- 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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