10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NTN1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20462b

Specification

NTN1 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	O95631
Other Accession	Q2HXW4, O09118, Q90922
Reactivity	**Human**
Predicted	**Chicken, Mouse, Pig**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**67748**
Antigen Region	**568-596**

NTN1 Antibody (C-term) - Additional Information

Gene ID 9423

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

Target/Specificity
This NTN1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 568-596 amino acids from the C-terminal region of human NTN1.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
NTN1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

NTN1 Antibody (C-term) - 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

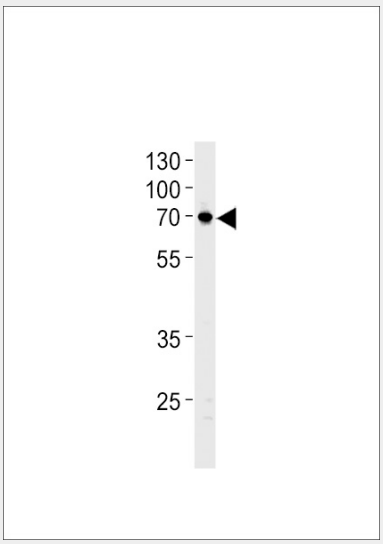
Tissue Location
Widely expressed in normal adult tissues with highest levels in heart, small intestine, colon, liver and prostate Reduced expression in brain tumors and neuroblastomas. Expressed in epididymis (at protein level).

NTN1 Antibody (C-term) - 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 Antibody (C-term) - Images



NTN1 Antibody (C-term) (Cat. #AP20462b) western blot analysis in U87-MG cell line lysates (35ug/lane).This demonstrates the NTN1 antibody detected the NTN1 protein (arrow).

NTN1 Antibody (C-term) - 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 Antibody (C-term) - References

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Zody M.C., et al. Nature 440:1045-1049(2006).
Li J., et al. Mol. Cell. Proteomics 9:2517-2528(2010).
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