

Anti-Netrin 1 NTN1 Monoclonal Antibody

Catalog # ABO14700

Product Information

Application	WB, IF, ICC
Primary Accession	O95631
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Netrin 1 NTN1 Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	9423
Other Names	Netrin-1, Epididymis tissue protein Li 131P, NTN1, NTN1L
Calculated MW	67748
Application Details	WB 1:500-1:2000 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: AFAD-14
Immunogen	A synthesized peptide derived from human Netrin 1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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](#)).

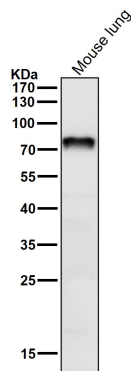
Cellular Location

Secreted. Cytoplasm. Note=Mainly secreted

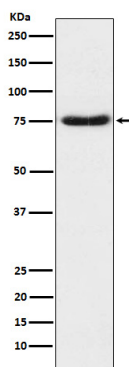
Tissue Location

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).

Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of Netrin 1 expression in Human fetal brain lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.