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Netrin 1 Rabbit mAb

Catalog # AP76985

Product Information

Application	WB, IF, ICC
Primary Accession	O95631
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Monoclonal Antibody
Isotype	IgG
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human Netrin 1
Purification	Affinity Chromatography
Calculated MW	67748

Additional Information

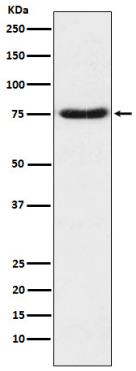
Gene ID	9423
Other Names	NTN1
Dilution	WB~~1/500-1/1000 IF~~1:50~200 ICC~~N/A
Format	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

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



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