
Summary

Production Name	Netrin-1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC, WB,
Reactivity	Human, Mouse, Rat, Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	NTN1
Alternative Names	NTN1; NTN1L; Netrin-1; Epididymis tissue protein Li 131P
Gene ID	9423.0
SwissProt ID	O95631. The antiserum was produced against synthesized peptide derived from human Netrin-1. AA range: 484-533

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:40000..
Molecular Weight	75kD

Background

Product Name: Netrin-1 Rabbit Polyclonal Antibody
Catalog #: APRab14578

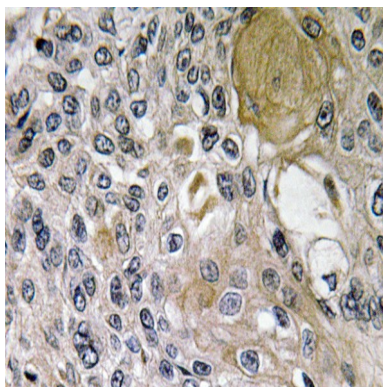


Netrin is included in a family of laminin-related secreted proteins. The function of this gene has not yet been defined; however, netrin is thought to be involved in axon guidance and cell migration during development. Mutations and loss of expression of netrin suggest that variation in netrin may be involved in cancer development. [provided by RefSeq, Jul 2008],disease:Defects in NTN1 are associated with some forms of neuroblastomas.,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. It also serve as a survival factor via its association with its receptors which prevent the initiation of apoptosis. Involved in colorectal tumorigenesis by regulating apoptosis.,similarity:Contains 1 laminin N-terminal domain.,similarity:Contains 1 NTR domain.,similarity:Contains 3 laminin EGF-like domains.,subunit:Binds to its receptors; DCC, UNC5A, UNC5B, UNC5C and probably UNC5D.,tissue specificity:Widely expressed in normal adult tissues with highest levels in heart, small intestine, colon, liver and prostate. Reduced expression in brain tumors and neuroblastomas.,

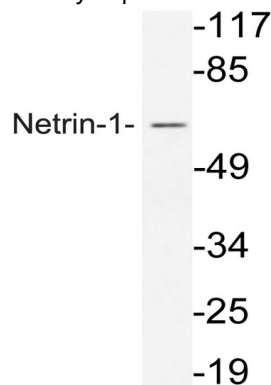
Research Area

Axon guidance;

Image Data

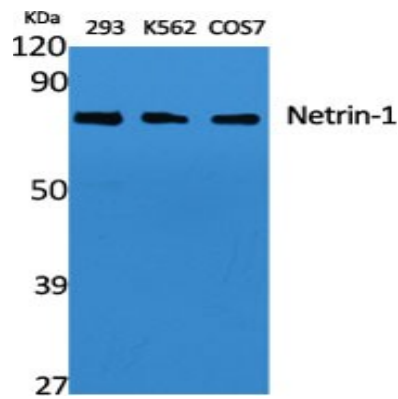


Immunohistochemistry analysis of Netrin-1 antibody in paraffin-embedded human lung carcinoma tissue.

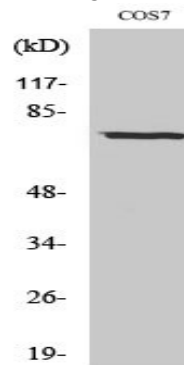


Western blot analysis of lysate from COS7 cells, using Netrin-1 antibody.

Product Name: Netrin-1 Rabbit Polyclonal Antibody
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Western Blot analysis of various cells using Netrin-1 Polyclonal Antibody diluted at 1 : 1000



Western Blot analysis of COS7 cells using Netrin-1 Polyclonal Antibody diluted at 1 : 1000

Note

For research use only.