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

For research use only.

Summary

| | |
|----------------------|---|
| Description | Rabbit polyclonal Antibody |
| Host | Rabbit |
| Application | WB,IHC,ICC/IF,ELISA |
| Reactivity | Human,Mouse,Rat,Monkey |
| Conjugation | Unconjugated |
| Modification | Unmodified |
| Isotype | IgG |
| Clonality | Polyclonal |
| Form | Liquid |
| Concentration | 1mg/ml |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N. |
| Purification | Affinity purification |

Application

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|-------------------------|---|
| Dilution Ratio | WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000 |
| Molecular Weight | 75kDa |

Antigen Information

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

Background

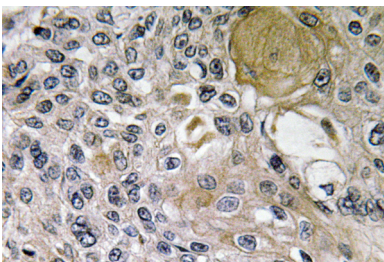
Netrin is included in a family of laminin-related secreted proteins. The function of this gene has not yet been defined; however,

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.,

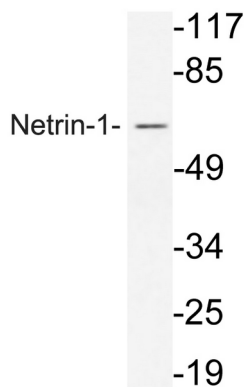
Research Area

Axon guidance;

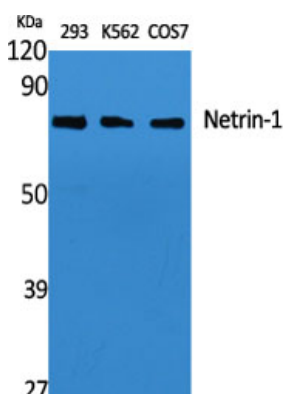
Image Data



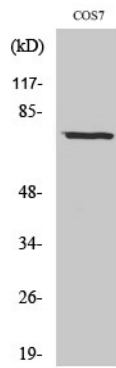
Immunohistochemistry analysis of Netrin-1 antibody in paraffin-embedded human lung carcinoma tissue.



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



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