

For Research Use Only

NTN1-Specific Polyclonal antibody

Catalog Number: 20235-1-AP

4 Publications



Basic Information

Catalog Number: 20235-1-AP	GenBank Accession Number: NM_004822	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop;	GeneID (NCBI): 9423	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:50-1:500
Source: Rabbit	Full Name: netrin 1	
Isotype: IgG	Calculated MW: 68 kDa	
	Observed MW: 65-68 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
IHC, WB

Species Specificity:
human, mouse, rat

Cited Species:
human, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse heart tissue, mouse brain tissue, rat heart tissue, rat kidney tissue

IHC : mouse heart tissue,

Background Information

NTN1 is also named as NTN1L. 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 serves as a survival factor via its association with its receptors which prevent the initiation of apoptosis. NTN1 is involved in colorectal tumorigenesis by regulating apoptosis. 20235-1-AP antibody detects 65-68 kDa (3 kDa signal peptide) protein in SDS-PAGE. This antibody is specific to NTN1.

Notable Publications

Author	Pubmed ID	Journal	Application
Yuanyuan Zhao	35765995	J Int Med Res	WB,IHC
Xiayun Jin	30968155	Int J Oncol	WB
Chenxiao Liu	38033740	J Diabetes Res	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

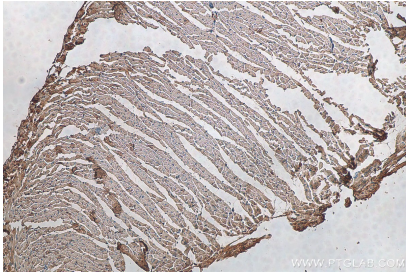
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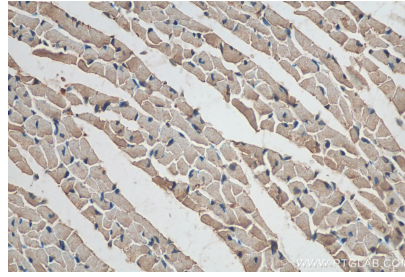
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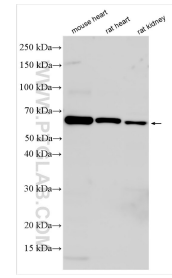
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 20235-1-AP (NTN1-Specific antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 20235-1-AP (NTN1-Specific antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 20235-1-AP (NTN1-Specific antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.