

For Research Use Only

Neuropilin 2 Polyclonal antibody

Catalog Number: 27193-1-AP



Basic Information

Catalog Number: 27193-1-AP	GenBank Accession Number: BC104770	Purification Method: Antigen affinity purification
Size: 500 ug/ml	GeneID (NCBI): 8828	Recommended Dilutions: WB 1:500-1:2000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: O60462	
Isotype: IgG	Full Name: neuropilin 2	
Immunogen Catalog Number: AG25622	Observed MW: 120-130 kDa	

Applications

Tested Applications: WB, IHC, IP, ELISA	Positive Controls: WB : U-87 MG cells, IP : U-87 MG cells, IHC : human intrahepatic cholangiocarcinoma tissue,
Species Specificity: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Neuropilin 2 (NRP2) is a single-chain transmembrane glycoprotein that acts as a co-receptor of VEGF. NRP2 is mainly expressed in lymphatic and venous endothelial cells, and it is associated with the occurrence and development of several types of cancer. NRP2 is known to play a role in cardiovascular development, axon guidance, tumorigenesis, inflammation and cardiovascular disease.

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

For technical support and original validation data for this product please contact:

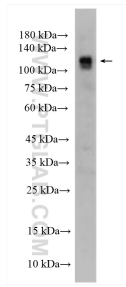
T: 4006900926

E: Proteintech-CN@ptglab.com

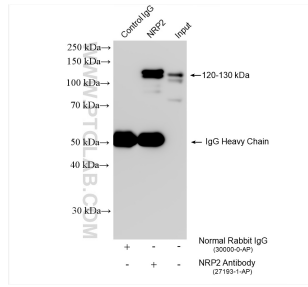
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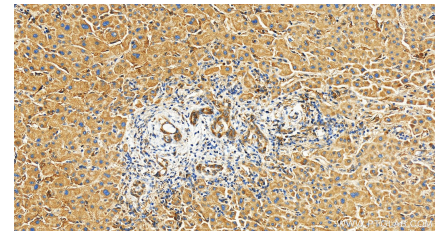
Selected Validation Data



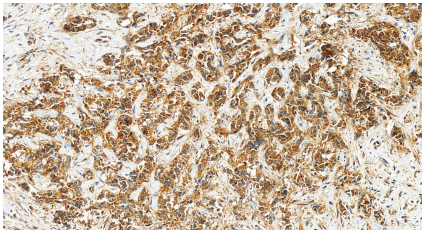
U-87 MG cells were subjected to SDS PAGE followed by western blot with 27193-1-AP (Neuropilin 2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-Neuropilin 2 (IP:27193-1-AP, 4ug; Detection:27193-1-AP 1:500) with U-87 MG cells lysate 760 ug.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 27193-1-AP (Neuropilin 2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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