

For Research Use Only

# Neuropilin 2 Polyclonal antibody

Catalog Number: 27193-1-AP



## Basic Information

<b>Catalog Number:</b> 27193-1-AP	<b>GenBank Accession Number:</b> BC104770	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8828	<b>Recommended Dilutions:</b> 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
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O60462	
<b>Isotype:</b> IgG	<b>Full Name:</b> neuropilin 2	
<b>Immunogen Catalog Number:</b> AG25622	<b>Observed MW:</b> 120-130 kDa	

## Applications

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

## 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

\*\*\* 20ul sizes contain 0.1% BSA

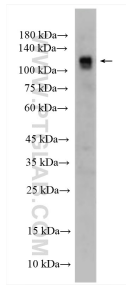
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

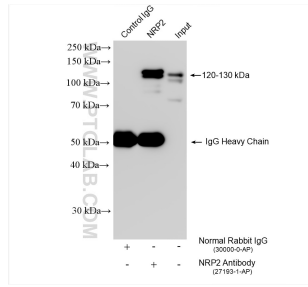
E: proteintech@ptglab.com  
W: ptglab.com

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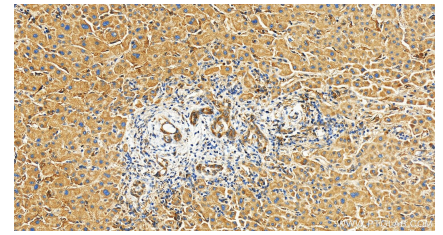
## Selected Validation Data



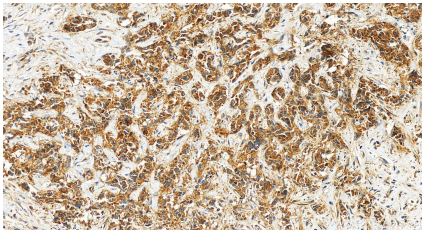
U-87 MG cells were subjected to SDS PAGE followed by western blot with 27193-1-AP (Neuropilin 2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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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