
Product Name: Neuropilin 2 Rabbit Polyclonal Antibody**Catalog #: APRab00554**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse,Rat
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% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 105 kDa; Observed MW: 100 kDa

Antigen Information

Gene Name	NRP2
Alternative Names	NRP2; VEGF165R2; Neuropilin-2; Vascular endothelial cell growth factor 165 receptor 2
Gene ID	8828
SwissProt ID	O60462
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human NRP2. AA range:791-840

Background

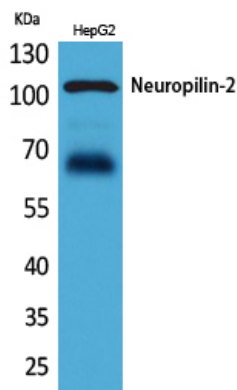
This gene encodes a member of the neuropilin family of receptor proteins. The encoded transmembrane protein binds to

SEMA3C protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C} and SEMA3F protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F}, and interacts with vascular endothelial growth factor (VEGF). This protein may play a role in cardiovascular development, axon guidance, and tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

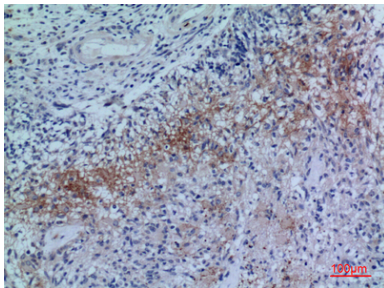
Research Area

Neuroscience

Image Data



Western blot analysis of Neuropilin 2 in HepG2 lysates using Neuropilin 2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human brain using Neuropilin 2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.