

Recombinant Neuropilin-1/NRP1/CD304 Monoclonal Antibody

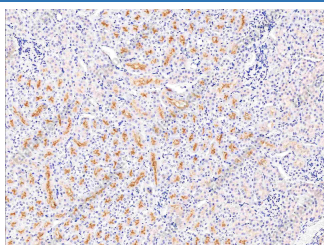
catalog number: **AN300099P**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

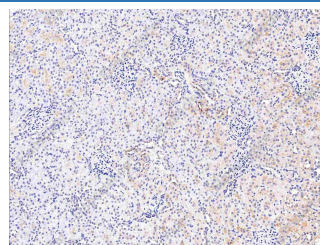
Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Neuropilin-1 / NRP1 / CD304 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C110075
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications	Recommended Dilution
WB:	1:1000; IHC-P: 1:100-1:500; ICC/IF: 1:100-1:200; FC: 1:50-1:100; IP: 1:20-1:50

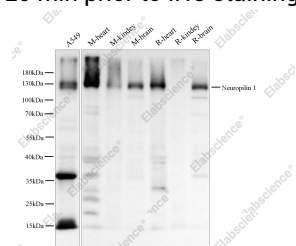
Data



Immunohistochemical analysis of paraffin-embedded Mouse kidney tissue sections using Neuropilin-1/NRP1/CD304 Antibody (AN300099P) at a dilution of 1:150 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



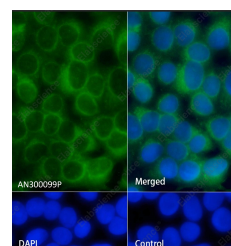
Immunohistochemical analysis of paraffin-embedded Rat kidney tissue sections using Neuropilin-1/NRP1/CD304 Antibody (AN300099P) at a dilution of 1:150 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of A549, Mouse heart, Mouse kidney, Mouse brain, Rat heart, Rat kidney and Rat brain cell lysates using Neuropilin-1/NRP1/CD304 Antibody (AN300099P) at a dilution of 1:1000.

Observed-MW:120 kDa

Calculated-MW:103 kDa



Immunofluorescence analysis of MCF-7 cells labelling Neuropilin 1. Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

For Research Use Only

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Rev. V1.7

This gene encodes one of two neuropilins, which contain specific protein domains which allow them to participate in several different types of signaling pathways that control cell migration. Neuropilins contain a large N-terminal extracellular domain, made up of complement-binding, coagulation factor V/VIII, and meprin domains. These proteins also contains a short membrane-spanning domain and a small cytoplasmic domain. Neuropilins bind many ligands and various types of co-receptors; they affect cell survival, migration, and attraction. Some of the ligands and co-receptors bound by neuropilins are vascular endothelial growth factor (VEGF) and semaphorin family members. Several alternatively spliced transcript variants that encode different protein isoforms have been described for this gene. [provided by RefSeq, Oct 2011]