

Recombinant Neuropilin 1 Monoclonal Antibody

catalog number: **AN301067L**

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

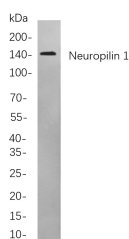
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Neuropilin 1 protein
Host	Rabbit
Isotype	IgG, κ
Clone	9F5
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

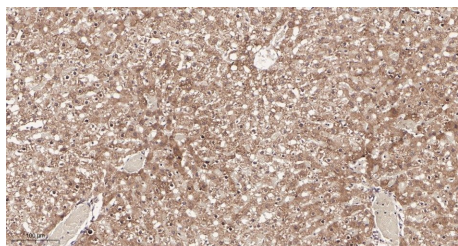
Applications	Recommended Dilution
IHC	1:200-1000
WB	1:1000-5000

Data

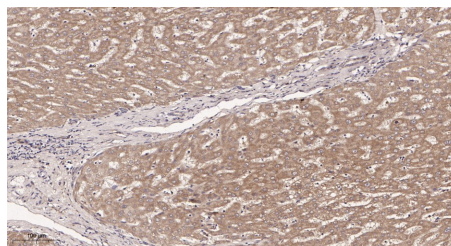


Western Blot with Recombinant Neuropilin 1 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Mouse lung cells.

Observed-MW:135 kDa
Calculated-MW:103 kDa



Immunohistochemistry of paraffin-embedded rat liver tissue using Recombinant Neuropilin 1 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human liver tissue using Recombinant Neuropilin 1 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

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

Background

For Research Use Only

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.