

A Reliable Research Partner in Life Science and Medicine

# **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

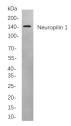
HostRabbitIsotypeIgG,KCloneB822PurificationProtein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

# Applications Recommended Dilution

**IHC** 1:200-1000 **WB** 1:1000-5000

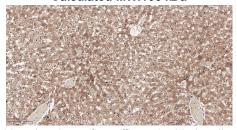
#### Data



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

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

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.

# **Preparation & Storage**

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

Shipping lce bag

### **Background**

## For Research Use Only

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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.

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