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Datasheet for ABIN7259328
anti-Neuropilin 1 antibody

4 Images

Overview

Quantity:	200 µL
Target:	Neuropilin 1 (NRP1)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Neuropilin 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human NRP1 (NP_001019800.1).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	Neuropilin 1 (NRP1)
Alternative Name:	NRP1 (NRP1 Products)
Background:	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

Target Details

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.

Molecular Weight: Observed_MW: 103 kDa
Calculated_MW: 68 kDa/71 kDa/103 kDa

Gene ID: 8829

UniProt: [O14786](#)

Pathways: [Regulation of Cell Size](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Smooth Muscle Cell Migration](#), [Platelet-derived growth Factor Receptor Signaling](#), [VEGFR1 Specific Signals](#)

Application Details

Application Notes: WB 1:500-1:2000 IF 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

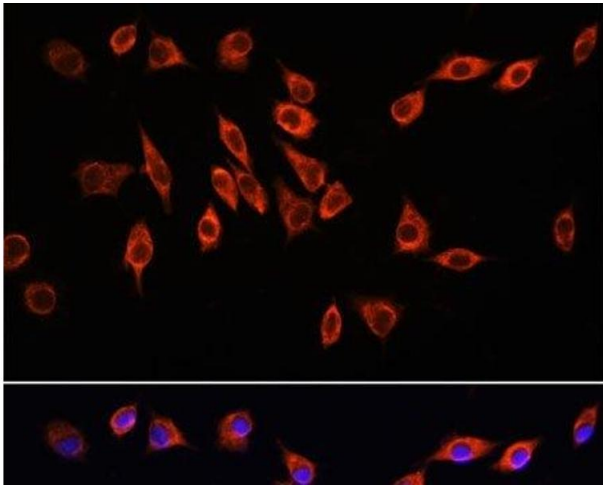
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

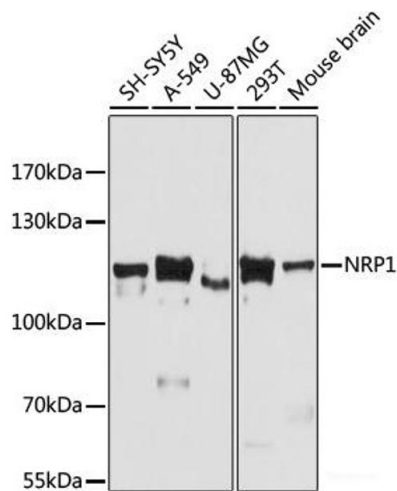
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



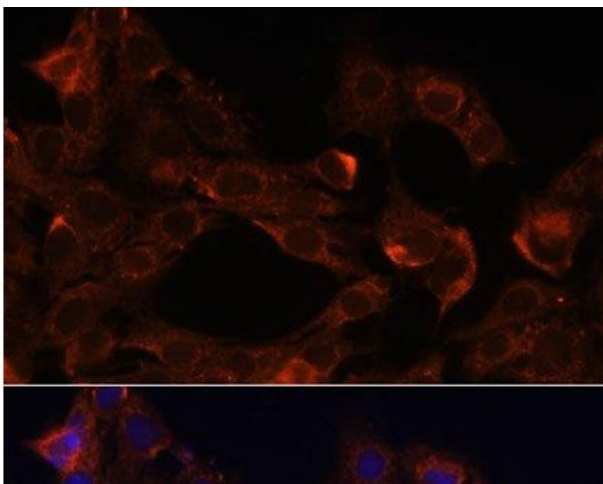
Immunofluorescence

Image 1. Immunofluorescence analysis of L929 cells using NRP1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using NRP1 Polyclonal Antibody at dilution of 1:3000.



Immunofluorescence

Image 3. Immunofluorescence analysis of C6 cells using NRP1 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7259328.