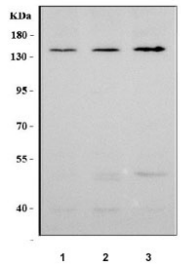
Neuropilin 1 Antibody / NRP1 (RQ8465)

Catalog No.	Formulation	Size
RQ8465	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O14786
Applications	Western blot: 0.5-1ug/ml ELISA: 0.1-0.5ug/ml
Limitations	This Neuropilin 1 antibody is available for research use only.



Western blot testing of human 1) HeLa, 2) A549 and 3) PC-3 cell lysate with Neuropilin 1 antibody. Expected molecular weight: 102-130 kDa.

Description

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 contain 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.

Application Notes

Optimal dilution of the Neuropilin 1 antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids N521-T827) was used as the immunogen for the Neuropilin 1 antibody.

Storage

After reconstitution, the Neuropilin 1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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