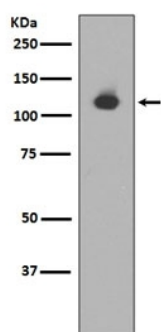


Neuropilin 1 Antibody / NRP1 [clone BGO-14] (RQ4713)

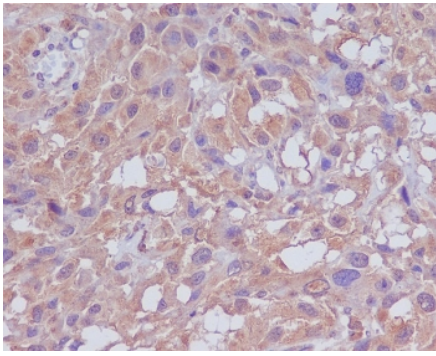
Catalog No.	Formulation	Size
RQ4713	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

Availability	1-2 weeks
Species Reactivity	Human, Mouse, Rat
Format	Purified
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	BGO-14
Purity	Affinity purified
UniProt	O14786
Applications	Western blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:50-1:200
Limitations	This Neuropilin 1 antibody is available for research use only.



Western blot testing of mouse heart lysate with Neuropilin 1 antibody. Expected molecular weight: 102-130 kDa.



IHC staining of FFPE human melanoma with Neuropilin 1 antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min and allow to cool before testing.

Description

The NRP1 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. [RefSeq]

Application Notes

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

Immunogen

A synthetic peptide specific to human Neuropilin 1 / NRP1 was used as the immunogen for the Neuropilin 1 antibody.

Storage

Store the Neuropilin 1 antibody at -20oC.