
Neuropilin 1 Rabbit pAb

Catalog Number: bs-0693R

Target Protein: Neuropilin 1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Rat (predicted:Mouse, Sheep, Chicken)

Predicted MW: 103 kDa

Entrez Gene: 8829

Swiss Prot: O14786

Source: KLH conjugated synthetic peptide derived from human neuropilin-1: 851-923/923.

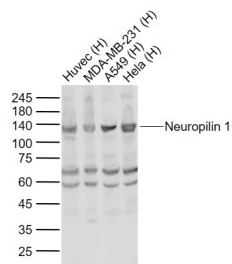
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

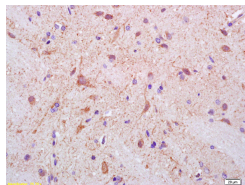
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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 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. [provided by RefSeq, Oct 2011]

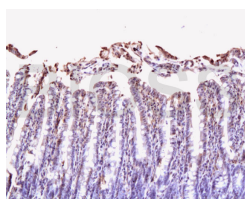
VALIDATION IMAGES



Sample: Lane 1: Huvec (Human) Cell Lysate at 30 ug Lane 2: MDA-MB-231 (Human) Cell Lysate at 30 ug Lane 3: A549 (Human) Cell Lysate at 30 ug Lane 4: HeLa (Human) Cell Lysate at 30 ug Primary: Anti-Neuropilin 1 (bs-0693R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 103 kD Observed band size: 130 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-NRP1/CD304 Polyclonal Antibody, Unconjugated(bs-0693R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat small intestine tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-NRP1/CD304 Polyclonal Antibody, Unconjugated(bs-0693R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

PRODUCT SPECIFIC PUBLICATIONS

[IF=1.92] Ni, Qianwei, et al. "The neuropilins and their ligands in hematogenous metastasis from salivary adenoid cystic carcinoma-an immunohistochemical study." Journal of Oral and Maxillofacial Surgery (2017). IHC ; ="Human" . 28961428