

**bs-0693R****[ Primary Antibody ]**

**Bioss**  
ANTIBODIES

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

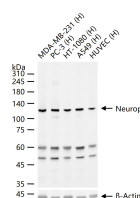
400-901-9800

## Neuropilin 1 Rabbit pAb

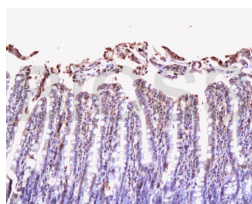
### DATASHEET

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000) <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)  <b>Reactivity:</b> Human, Rat (predicted: Mouse, Sheep, Chicken)  <b>Predicted MW.:</b> 103 kDa  <b>Subcellular Location:</b> Secreted ,Cell membrane
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 8829	<b>SWISS:</b> O14786	
<b>Target:</b> Neuropilin 1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human neuropilin-1: 851-923/923.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> 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]		

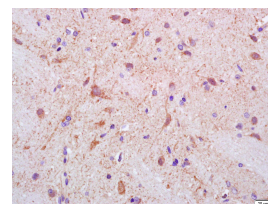
### VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with Neuropilin 1 polyclonal antibody, unconjugated (bs-0693R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



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



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

### SELECTED CITATIONS

- **[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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.