bs-23865R **[Primary Antibody]**

Neuropilin 1 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 8829 **SWISS:** O14786

Target: Neuropilin 1

Immunogen: KLH conjugated synthetic peptide derived from human Neuropilin 1 : 201-300/923. < Extracellular >

Purification: affinity purified by Protein A

Concentration: 1mg/1ml

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]

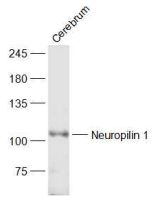
Applications: **WB** (1:500-2000)

Reactivity: Rat (predicted: Mouse, Pig, Sheep, Cow, Chicken, Dog)

Predicted MW.: 100 kDa

Subcellular Location: Secreted ,Cell membrane

VALIDATION IMAGES



Sample: Cerebrum (Rat) Lysate at 40 ug Primary: Anti-Neuropilin 1 (bs-23865R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 100 kD Observed band size: 110 kD

SELECTED CITATIONS

- **[IF=7.2]** Guo Xiaoye. et al. The influence of a modified p53 C-terminal peptide by using a tumor-targeting sequence on cellular apoptosis and tumor treatment. APOPTOSIS. 2023 Dec;:1-17 IHC ;Mouse. 38145442