

**bs-10241R****[ Primary Antibody ]**

## Neuropilin 2/NRP2 Rabbit pAb

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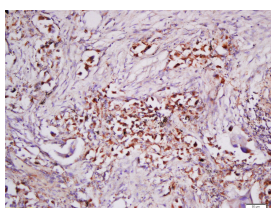
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### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500)
<b>Clonality:</b> Polyclonal		<b>IHC-F</b> (1:100-500)
<b>GeneID:</b> 8828	<b>SWISS:</b> O60462	<b>IF</b> (1:100-500)
<b>Target:</b> Neuropilin 2/NRP2		<b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Sheep, Cow, Dog, Horse)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Neuropilin 2: 501-600/931. < Extracellular >		<b>Predicted MW.:</b> 99 kDa
<b>Purification:</b> affinity purified by Protein A		<b>Subcellular Location:</b> Cell membrane
<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 a member of the neuropilin family of receptor proteins. The encoded transmembrane protein binds to SEMA3C protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3C} and SEMA3F protein {sema domain, immunoglobulin domain (Ig), short basic domain, secreted, (semaphorin) 3F}, and interacts with vascular endothelial growth factor (VEGF). This protein may play a role in cardiovascular development, axon guidance, and tumorigenesis. Multiple transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]		

### — VALIDATION IMAGES —



Tissue/cell: human lung carcinoma; 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-Neuropilin 2/NRP2 Polyclonal Antibody, Unconjugated (bs-10241R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody (SP-0023) and DAB (C-0010) staining

### — SELECTED CITATIONS —

- **[IF=3.4]** Na Wang. et al. MBsNRP2-based ultrasound molecular imaging for early diagnosis of castration-resistant prostate cancer. BMC CANCER. 2025 Apr;25:769 IF, WB ;Human. 40275166
- **[IF=1.267]** Danhui Yin. et al. Clinical significance of neuropilin-2 expression in laryngeal squamous cell carcinoma. Am J Otolaryng. 2020 Jul;41:102540 WB ;Human. 32480134
- **[IF=0]** Briscoe DM et al. METHODS AND COMPOSITIONS FOR IMMUNOMODULATION. US Patent 20190388505 FCM

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

;Mouse&Human. US Patent 20190388505