

**bs-0073R****[ Primary Antibody ]****Bioss**  
**ANTIBODIES**

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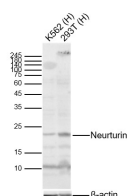
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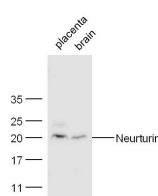
400-901-9800

**Neurturin Rabbit pAb****— DATASHEET —**

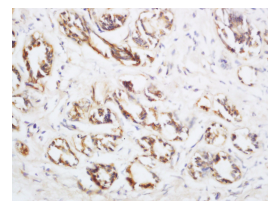
<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 4902 <b>Target:</b> Neurturin <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Neurturin: 151-197/197. <b>Purification:</b> affinity purified by Protein A <b>Concentration:</b> 1mg/ml <b>Storage:</b> 0.01M TBS (pH7.4) 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> Human Neurturin (NTN) and Human GDNF comprise a family of TGF-beta related neurotrophic factor which have trophic influences on a variety of neuronal populations. Neurturin promotes the survival of certain sympathetic and sensory neurins through interaction with distinct set of GDNF-like receptors	<b>Isotype:</b> IgG <b>SWISS:</b> Q99748	<b>Applications:</b> <b>WB</b> (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, Mouse (predicted: Rat, Cow, Dog) <b>Predicted MW.:</b> 21 kDa <b>Subcellular Location:</b> Secreted
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**— VALIDATION IMAGES —**

Sample: Lane 1: Human K562 cell Lysates Lane 2: Human 293T cell Lysates Primary: Anti-Neurturin (bs-0073R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 21kDa Observed band size: 21kDa



Sample: Placenta(Mouse)lysate at 30 ug; Brain(Mouse) lysate at 30 ug; Primary: Anti-Neurturin (bs-0073R) at 1:300 dilution; Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000 dilution; Predicted band size: 21 kD Observed band size: 21 kD



Tissue/cell: human breast 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-Neurturin Polyclonal Antibody, Unconjugated(bs-0073R) 1:100, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

**— SELECTED CITATIONS —**

- **[IF=6.1]** Jing Man. et al. TANGO1 interacts with NRTN to promote hepatocellular carcinoma progression by regulating the PI3K/AKT/mTOR signaling pathway. *BIOCHEM PHARMACOL.* 2023 Jul;213:115615 ICC, WB ; Human. 37211171
- **[IF=2.46]** Lu, Yanmei, et al. "Effect of Low-level Vagus Nerve Stimulation on Cardiac Remodeling in a Rapid Atrial Pacing-induced Canine Model of Atrial Fibrillation." *Journal of cardiovascular pharmacology* 67.3 (2016): 218-224. IHC ;="Dog". 26727379