

**bs-2464R****[ Primary Antibody ]****Bioss**  
**ANTIBODIES**

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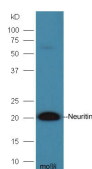
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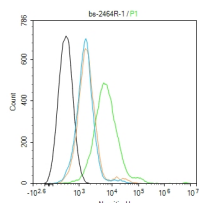
400-901-9800

**Neuritin Rabbit pAb****— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 51299 <b>Target:</b> Neuritin <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Neuritin: 51-142/142. <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 a member of the neuritin family, and is expressed in postmitotic-differentiating neurons of the developmental nervous system and neuronal structures associated with plasticity in the adult. The expression of this gene can be induced by neural activity and neurotrophins. The encoded protein contains a consensus cleavage signal found in glycosylphosphatidylinositol (GPI)-anchored proteins. The encoded protein promotes neurite outgrowth and arborization, suggesting its role in promoting neuritogenesis. Overexpression of the encoded protein may be associated with astrocytoma progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013].	<b>Isotype:</b> IgG <b>SWISS:</b> Q9NPD7	<b>Applications:</b> <b>WB</b> (1:500-2000) <b>Flow-Cyt</b> (1ug/Test) <b>Reactivity:</b> Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog, Horse) <b>Predicted MW.:</b> 16 kDa <b>Subcellular Location:</b> Cell membrane
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**— VALIDATION IMAGES —**

Sample: Brain(Mouse) lysate at 30ug; Primary: Anti-Neuritin (bs-2464R) at 1:300 dilution; Secondary: HRP conjugated Goat-Anti-Rabbit IgG(bse-0295G-HRP) at 1: 5000 dilution; Predicted band size :16 kD Observed band size : 20 kD



Blank control:U251. Primary Antibody (green line): Rabbit Anti-Neuritin antibody (bs-2464R) Dilution: 1ug/Test; Secondary Antibody (white blue line) : Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Isotype control (orange line) : Normal Rabbit IgG Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

**— SELECTED CITATIONS —**

- **[IF=2.84]** Li, Fei, et al. "MicroRNA-574 is involved in cognitive impairment in 5-month-old APP/PS1 mice through regulation of neuritin." Brain Research (2015). WB ;Mouse. 26423933
- **[IF=3.191]** Wang T et al. miR-194 Accelerates Apoptosis of Aβ1–42-Transduced Hippocampal Neurons by Inhibiting

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

Nrn1 and Decreasing PI3K/Akt Signaling Pathway Activity. Genes (Basel). 2019 Apr 21;10(4). pii: E313. WB ;Rat. 31010100