

**bs-12109R****[ Primary Antibody ]****P2X5b Rabbit pAb****BioSS**  
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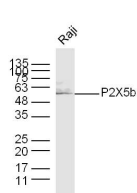
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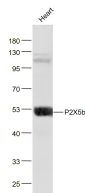
400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit <b>Clonality:</b> Polyclonal <b>GeneID:</b> 5026 <b>Target:</b> P2X5b <b>Immunogen:</b> KLH conjugated synthetic peptide derived from human P2X5b: 261-360/422. <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> The P2X receptor family is comprised of ligand-gated ion channels that allow for the increased permeability of calcium into the cell in response to extracellular ATP. The seven P2X receptors, P2X1-P2X7, form either homomeric or heteromeric channels or both. They are characterized by intracellular amino- and carboxy-termini. P2X receptors are expressed in a wide variety of tissues, including neurons, prostate, bladder, pancreas, colon, testis and ovary. The major function of the P2X receptors is to mediate synaptic transmissions between neurons and to other tissues via the binding of extracellular ATP, which acts as a neurotransmitter. The P2X receptors may be involved in the onset of necrosis or apoptosis after prolonged exposure to high concentrations of extracellular ATP.	<b>Isotype:</b> IgG  <b>SWISS:</b> Q8IXW4	<b>Applications:</b> WB (1:500-2000)  <b>Reactivity:</b> Human, Mouse (predicted: Rat, Dog)  <b>Predicted MW.:</b> 47 kDa  <b>Subcellular Location:</b> Cell membrane
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**— VALIDATION IMAGES —**

Sample: Raji Cell (Human) Lysate at 40 ug  
Primary: Anti-P2X5b (bs-12109R) at 1/300  
dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47 kD Observed band size: 50 kD



Sample: Heart (Mouse) Lysate at 40 ug Primary:  
Anti- P2X5b (bs-12109R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 47kD  
Observed band size: 51 kD