

bs-11501R**[Primary Antibody]****GFR alpha 3 Rabbit pAb****BioSS**
ANTIBODIES

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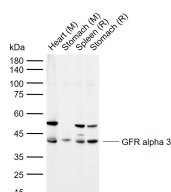
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— DATASHEET —

Host: Rabbit Clonality: Polyclonal GeneID: 2676 Target: GFR alpha 3 Immunogen: KLH conjugated synthetic peptide derived from human GFR alpha 3: 101-185/400. Purification: affinity purified by Protein A Concentration: 1mg/ml 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: Glial cell line-derived neurotrophic factor (GDNF) and the related neurotrophic factor neurturin (NTN) are potent survival factors for central and peripheral neurons. GDNF is a glycosylated, disulfide-bonded homodimer that is distantly related to the TGF Beta superfamily of growth factors. Three receptors for these factors, GFR Alpha-1 (also designated GDNFR-Alpha, RETL1 or TrnR-1), GFR Alpha-2 (also designated GDNFR-Beta, RETL2, NTNR-Alpha or TrnR-2) and GFR Alpha-3 have been identified. The receptors do not contain transmembrane domains and are attached to the cell membrane by glycosyl-phosphoinositol linkage. Both GFR Alpha-1 and GFR Alpha-2 have been shown to mediate the GDNF-dependent and NTN-dependent phosphorylation and activation of the tyrosine kinase Ret. GFR Alpha-3 is expressed only during development.	Isotype: IgG SWISS: O60609 Applications: WB (1:500-2000) Reactivity: Mouse, Rat (predicted: Human) Predicted MW.: 38 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Sample: Lane 1: Mouse Heart tissue lysates Lane 2: Mouse Stomach tissue lysates Lane 3: Rat Spleen tissue lysates Lane 4: Rat Stomach tissue lysates
Primary: Anti-GFR alpha 3 (bs-11501R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 38 kDa Observed band size: 42 kDa