bs-11501R **[Primary Antibody]**

GFR alpha 3 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 2676 **SWISS:** O60609

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.

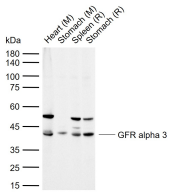
Applications: **WB** (1:500-2000)

Reactivity: Mouse, Rat (predicted: Human)

Predicted MW.: 38 kDa

Subcellular Location: Cell membrane

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