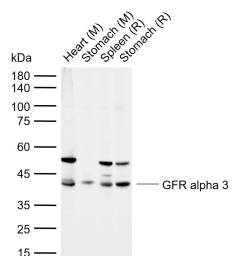

GFR alpha 3 Rabbit pAb

Catalog Number: bs-11501R
Target Protein: GFR alpha 3
Concentration: 1mg/ml
Form: Liquid
Host: Rabbit
Clonality: Polyclonal
Isotype: IgG
Applications: WB (1:500-2000)
Reactivity: Mouse, Rat (predicted:Human)
Predicted MW: 38 kDa
Entrez Gene: 2676
Swiss Prot: O60609
Source: KLH conjugated synthetic peptide derived from human GFR alpha 3: 101-185/400.
Purification: affinity purified by Protein A
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, NTN-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.

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