SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GFRA3 Polyclonal Antibody

Catalog Number: SLA0007

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
GeneID:	2676
SWISS:	O60609
Target:	GFRA3
Immunogen:	KLH conjugated synthetic peptide derived from human GFR alpha 3
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.
Applications:	WB (1:500-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Mouse,Rat
Predicted MW.:	38 kDa
Subcellular Location:	Membrane
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.

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

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[VALIDATION IMAGES]

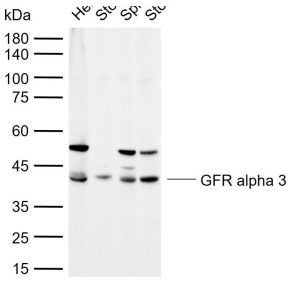


Figure 1. Sample:
Lane 1: Mouse Heart tissue lysates
Lane 2: Mouse Stomach tissue lysates
Lane 3: Rat Spleen tissue lysates
Lane 4: Rat Stomach tissue lysates
Primary: Anti-GFR alpha 3 (SLA0007) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 38 kDa
Observed band size: 42 kDa
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