SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GDNFRA antibody

Catalog Number: SL22346R

FOR RESEARCH USE ONLY

[DATASHEET]

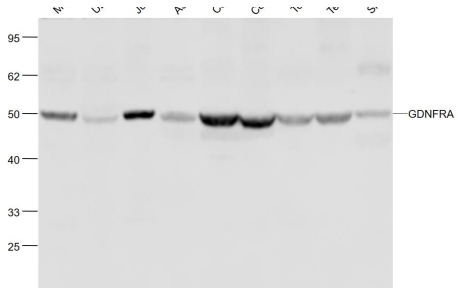
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GDNFRA
Immunogen:	KLH conjugated synthetic peptide derived from human GDNFRA: 81-180/465
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human, Mouse, Rat, (predicted: Chicken, Dog, Pig, Cow, Rabbit)
Predicted MW.:	44kDa
Subcellular Location:	The cell membrane
Background:	Glial cell line-derived neurotrophic factor (GDNF) and neurturin (NTN) are two structurally related, potent neurotrophic factors that play key roles in the control of neuron survival and differentiation. The protein encoded by this gene is a member of the GDNF receptor family. It is a glycosylphosphatidylinositol(GPI)-linked cell surface receptor for both GDNF and NTN, and mediates activation of the RET tyrosine kinase receptor. This gene is a candidate gene for Hirschsprung disease. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq] **Function:** Receptor for GDNF. Mediates the GDNF-induced autophosphorylation and activation of the RET receptor. **Subunit:** 2 molecules of GDNFR-alpha are thought to form a complex with the disulfide-linked GDNF dimer and with 2 molecules of RET. **Subcellular Location:** Cell membrane; Lipid-anchor, GPI-anchor. **Similarity:** Belongs to the GDNFR family.

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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	Database links: **Entrez Gene:** 2674 Human **Entrez Gene:** 14585 Mouse **Entrez Gene:** 25454 Rat Omim: 601496 Human **SwissProt:** P56159 Human **SwissProt:** P97785 Mouse **SwissProt:** Q62997 Rat **Unigene:** 591913 Human **Unigene:** 88489 Rat GFRα-1 is a protein composed of 68 amino acids and is widely expressed in the central nervous system and peripheral organs. The active subunit is a complex formed by two GFRα-1 molecules connected in the middle by disulfide bonds. It is a member of the GDNFR family.

[VALIDATION IMAGES]



Sample:
MCF-7 (Human) Cell Lysate at 30 ug
U251 (Human) Cell Lysate at 30 ug
Jurkat (Human) Cell Lysate at 30 ug
A549 (Human) Cell Lysate at 30 ug
Cerebrum (Mouse) Lysate at 40 ug
Cerebrum (Rat) Lysate at 40 ug
Testis (Mouse) Lysate at 40 ug
Testis (Rat) Lysate at 40 ug
Small intestine (Mouse) Lysate at 40 ug
Primary: Anti-GDNFRA (SL22346R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 51 kD
Observed band size: 51 kD

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