SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GPCR GPR75 antibody

Catalog Number: SL16263R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GPCR GPR75
Immunogen:	KLH conjugated synthetic peptide derived from human GPCR GPR75: 151-250/540 <Extracellular>
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 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Mouse(predicted:Human)
Predicted MW.:	59kDa
Subcellular Location:	The cell membrane
Background:	GPR75 is a member of the G protein-coupled receptor family. GPRs are cell surface receptors that activate guanine-nucleotide binding proteins upon the binding of a ligand.[supplied by OMIM, Jul 2002] **Function:** Orphan receptor. **Subcellular Location:** Cell membrane. **Tissue Specificity:** Expressed at high levels in brain and spinal cord and at detectable levels in retinal pigment epithelium. In situ hybridization of adult eye sections localized transcripts only to the perivascular cells, surrounding retinal arterioles, in the ganglion cell/nerve fiber layer. **Similarity:** Belongs to the G-protein coupled receptor 1 family. **Database links:** **Entrez Gene:** 10936 Human **Entrez Gene:** 237716 Mouse Omim: 606704 Human

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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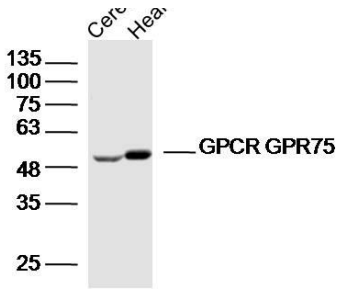
	SwissProt: O95800 Human **SwissProt:** Q6X632 Mouse **Unigene:** 40763 Human **Unigene:** 338361 Mouse **Unigene:** 484157 Mouse

[VALIDATION IMAGES]



Sample:
Cerebrum (Mouse)Lysate at 40 ug
Heart (Mouse)Lysate at 40 ug
Primary: Anti-GPCR GPR75(SL16263R)at 1/300 dilution
Secondary: IRDye800CW Goat Anti-RabbitIgG at 1/20000 dilution
Predicted band size: 59kD
Observed band size: 54kD

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