SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-GPR92 antibody

Catalog Number: SL15366R

FOR RESEARCH USE ONLY

[DATASHEET]

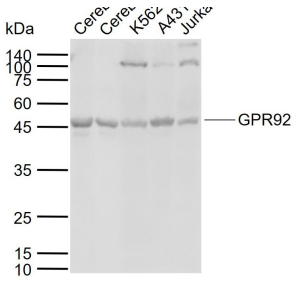
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	GPR92
Immunogen:	KLH conjugated synthetic peptide derived from human GPR92: 121-220/372 <Extracellular>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse,Rat(predicted:Rabbit)
Predicted MW.:	41kDa
Subcellular Location:	The cell membrane
Background:	This gene encodes a member of the rhodopsin class of G protein-coupled transmembrane receptors. This protein transmits extracellular signals from lysophosphatidic acid to cells through heterotrimeric G proteins and mediates numerous cellular processes. Many G protein receptors serve as targets for pharmaceutical drugs. Transcript variants of this gene have been described.[provided by RefSeq, Dec 2008] **Function:** Receptor for lysophosphatidic acid (LPA), a mediator of diverse cellular activities. **Subcellular Location:** Cell membrane; Multi-pass membrane protein. **Tissue Specificity:** Not expressed in frontal cortex, basal forebrain, caudate putamen, thalamus, or hippocampus.

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

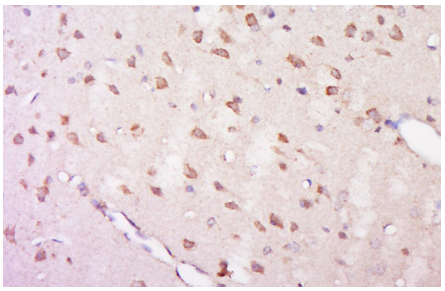
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	Similarity: Belongs to the G-protein coupled receptor 1 family. **Database links:** **Entrez Gene:** 57121 Human Omim: 606926 Human **SwissProt:** Q9H1C0 Human **Unigene:** 155538 Human

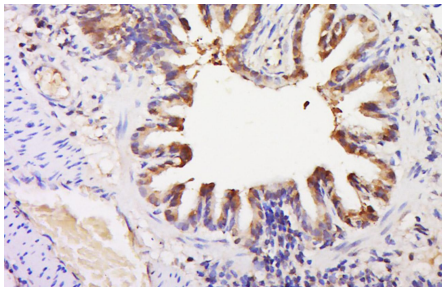
[VALIDATION IMAGES]



Sample:
Lane 1: Mouse Cerebrum tissue lysates
Lane 2: Rat Cerebrum tissue lysates
Lane 3: Human K562 cell lysates
Lane 4: Human A431 cell lysates
Lane 5: Human Jurkat cell lysates
Primary: Anti-GPR92 (SL15366R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 41 kDa
Observed band size: 46 kDa



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (Human,Mouse,Rat(predicted:Rabbit)1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-GPR92 Polyclonal Antibody, Unconjugated(SL15366R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat lung tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (Human,Mouse,Rat(predicted:Rabbit)1M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;
Incubation: Anti-GPR92 Polyclonal Antibody, Unconjugated(SL15366R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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