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Rabbit Anti-GPR92 antibody

SL15366R

Product Name:	GPR92
Chinese Name:	G protein-coupled receptorGPR92蛋白抗体
Alias:	GPCR GPR92; G-protein coupled receptor 92; G-protein coupled receptor 93; GPR92; GPR93; KPG_010; LPA receptor 5; LPA-5; LPA5; LPAR5; Lysophosphatidic acid receptor 5; LPAR5_HUMAN; GPCR 92.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	41kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GPR92:121-220/372<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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.

Similarity:
Belongs to the G-protein coupled receptor 1 family.

SWISS:
Q9H1C0

Gene ID:
57121

Database links:

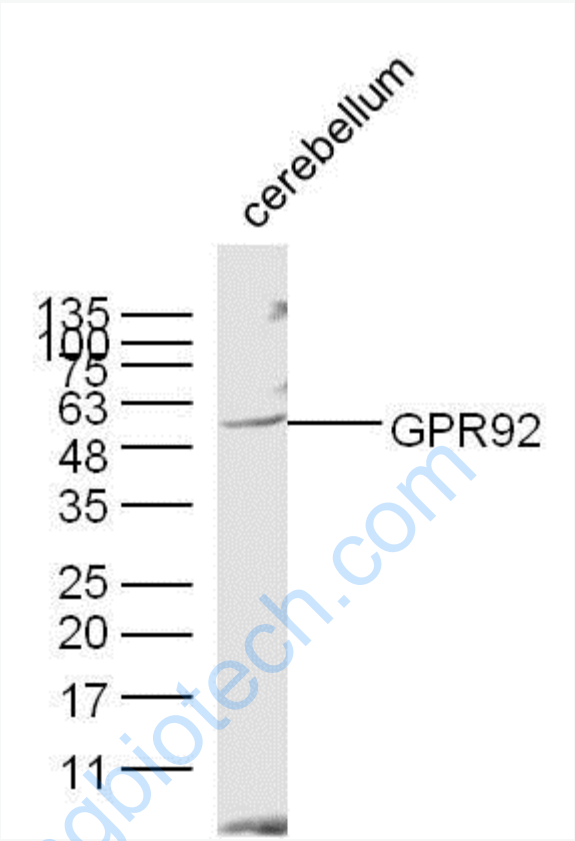
Entrez Gene: 57121 Human

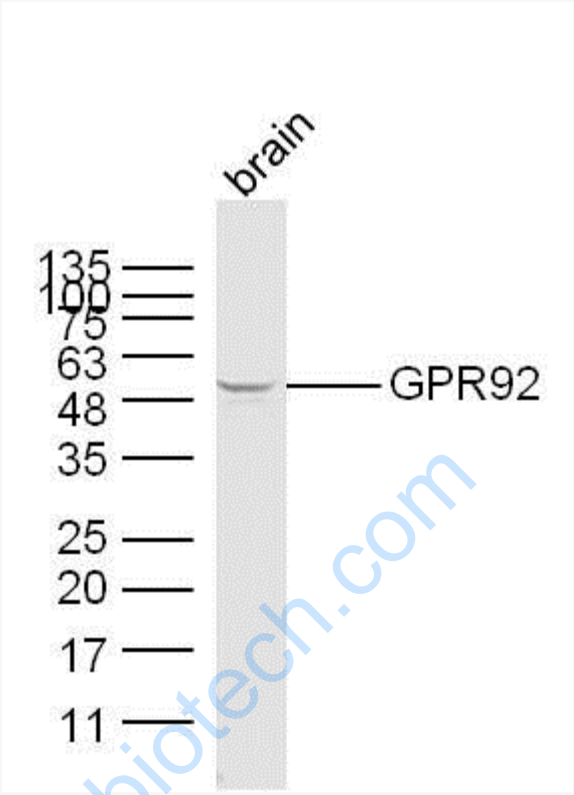
Omim: 606926 Human

SwissProt: Q9H1C0 Human

Unigene: 155538 Human

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

Picture:	 Protein: cerebellum(mouse) lyates at 40ug; Primary: Rabbit Anti-GPR92 (SL15366R) at 1:300; Secondary: 800CW Conjugated Goat (polyclonal) Anti-Rabbit IgG(H+L) at 1: 10000; Predicted band size:41 kD Observed band size:51 kD



Protein: brain(mouse) lyates at 40ug;

Primary: Rabbit Anti-GPR92 (SL15366R) at 1:300;

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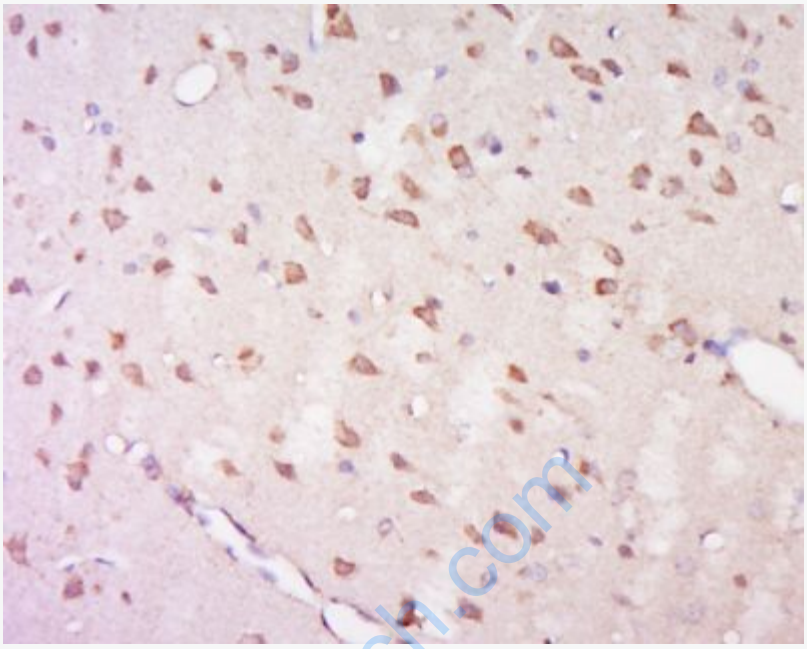
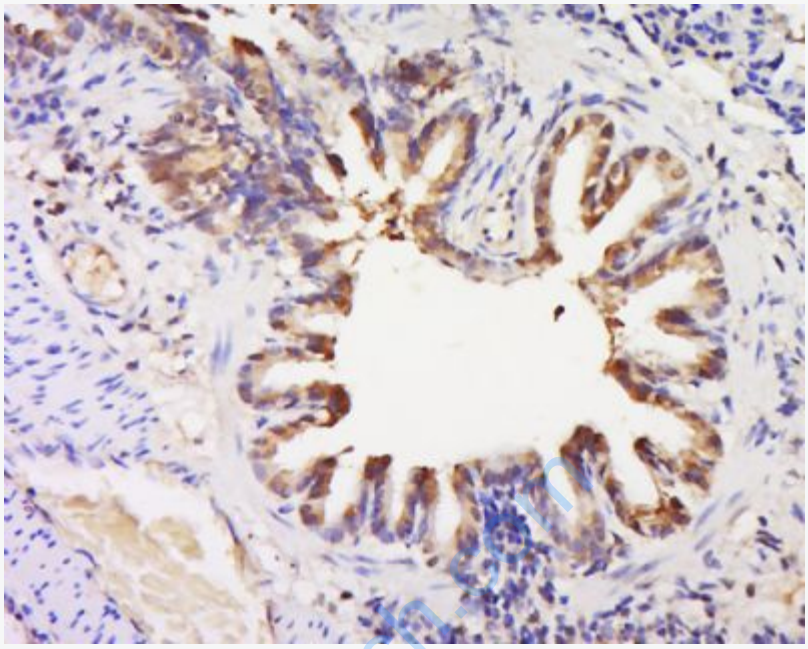


Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37℃ for 20 min;

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 (0.01M, 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