



Rabbit Anti-GPR85 antibody

SL15364R

Product Name:	GPR85
Chinese Name:	G protein-coupled receptorGPR85蛋白抗体
Alias:	GPR85; Probable G-protein coupled receptor 85; SREB; SREB2; Super conserved receptor expressed in brain 2; GPR85 HUMAN; GPCR 85.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Cow,
Applications:	ELISA=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:	42kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GPR85:31-130/370<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:	G protein-coupled receptors (GPCRs, or GPRs) contain 7 transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. GPCR GPR85 is a member of this family (subfamily Orphan-A). GPCR GPR85 has been reported to be expressed in several areas of human and rat CNS (Matsumoto et al., 2000), as well as in genital organs. ESTs have been isolated from B-cell/lung/testis, brain, testis, and

embryo libraries, as well as many mouse tissue libraries.

Function:

Orphan receptor.

Subcellular Location:

Cell membrane; Multi-pass membrane protein.

Tissue Specificity:

Highly expressed in brain and testis. Lower levels in small intestine, placenta and spleen. In brain regions, detected in all regions tested, but somewhat lower levels in the corpus callosum, medulla and spinal cord.

Similarity:

Belongs to the G-protein coupled receptor 1 family.

SWISS:

P60893

Gene ID:

54329

Database links:

[Entrez Gene: 417775](#) Chicken

[Entrez Gene: 54329](#) Human

[Entrez Gene: 64450](#) Mouse

[Entrez Gene: 100190819](#) Orangutan

[Entrez Gene: 64020](#) Rat

[Entrez Gene: 793299](#) Zebrafish

[Omim: 605188](#) Human

[SwissProt: P60893](#) Human

[SwissProt: P60894](#) Mouse

[SwissProt: Q5RBG7](#) Orangutan

[SwissProt: P60895](#) Rat

[SwissProt: Q9I919](#) Zebrafish

[Unigene: 152009](#) Human

[Unigene: 167625](#) Mouse

[Unigene: 53985](#) Rat

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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