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Rabbit Anti-GPR62 antibody

SL15361R

Product Name:	GPR62
Chinese Name:	G protein-coupled receptorGPR62蛋白抗体
Alias:	GPCR GPR62; G-protein coupled receptor GPCR8; G-protein coupled receptor KPG_005; GPCR8; GPR62; hGPCR8; KPG_005; MGC26943; Probable G-protein coupled receptor 62; GPR62_HUMAN; GPCR 62.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Pig,Cow,
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:	38kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GPR62:31-130/368<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:	GPR62 is a 368 amino acid protein encoded by the human GPR62 gene. GPR62 is an orphan receptor member of the G protein-coupled receptor 1 family. G protein-coupled receptors (GPCRs or GPRs) contain seven transmembrane domains and transduce extracellular signals through heterotrimeric G proteins. Key roles for G protein-coupled

receptors include control of protein maturation and cell surface delivery and providing the correct framework for interactions with both heterotrimeric G proteins and arrestins to allow signal generation and its termination. GPR62 is expressed in brain tissue, most notably the basal forebrain, frontal cortex, caudate, putamen, thalamus and hippocampus.

Function:
Orphan receptor.

Subcellular Location:
Cell membrane; Multi-pass membrane protein.

Tissue Specificity:
Expressed in brain; detected in the basal forebrain, frontal cortex, caudate, putamen, thalamus and hippocampus.

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

SWISS:
Q9BZJ7

Gene ID:
118442

Database links:

Entrez Gene: 118442 Human

Omim: 606917 Human

SwissProt: Q9BZJ7 Human

Unigene: 232213 Human

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