



Rabbit Anti-GPR64 antibody

SL12268R

Product Name:	GPR64
Chinese Name:	G protein-coupled receptor64抗体
Alias:	Epididymis specific protein 6; FLJ00282; G protein coupled receptor 64; G protein coupled receptor epididymis specific; GPR 64; GPR64; HE 6; He 6 receptor; HE6; He6 receptor; MGC104454; MGC138738; MGC138739; TM7LN2; GPR64_HUMAN; GPCR GPR64.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
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:	112kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human G protein coupled receptor 64:55-170/1017<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 orphan B G-protein coupled receptor could be involved in a signal transduction pathway controlling epidymal function and male fertility: it has been reported in the epididymis. ESTs have been isolated from embryo, kidney, placenta, skeletal muscle

and testis libraries.

Function:

Could be involved in a signal transduction pathway controlling epididymal function and male fertility.

Subunit:

Forms a heterodimer, consisting of a large extracellular region linked to a seven-transmembrane moiety (Probable).

Subcellular Location:

Cell membrane; Multi pass membrane protein.

Tissue Specificity:

Epididymis specific. Both subunits were associated with apical membranes of efferent ductule and proximal epididymal duct epithelia.

Post-translational modifications:

Proteolytically cleaved into 2 subunits, an extracellular subunit and a seven-transmembrane subunit (Potential).

Similarity:

Belongs to the G-protein coupled receptor 2 family. LN-TM7 subfamily. Contains 1 GPS domain.

SWISS:

Q8IZP9

Gene ID:

10149

Database links:

[Entrez Gene: 100299135](#)Cow

[Entrez Gene: 491763](#)Dog

[Entrez Gene: 10149](#)Human

[Omin: 602657](#)Human

[SwissProt: Q8IZP9](#)Human

[Unigene: 421137](#)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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