



## Rabbit Anti-LGR6 antibody

SL8609R

<b>Product Name:</b>	LGR6
<b>Chinese Name:</b>	G protein-coupled receptor6抗体
<b>Alias:</b>	GPCR LGR6; FLJ14471; Gonadotropin receptor; GPCR; Leucine-rich repeat-containing G protein-coupled receptor 6; Leucine-rich repeat-containing G-protein coupled receptor 6; Lgr6; LGR6 HUMAN; VTS20631.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Rabbit,
<b>Applications:</b>	ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	104kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human LGR6:401-500/967<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	G protein-coupled receptors (GPCRs), also designated seven transmembrane (7TM) receptors and heptahelical receptors, are a protein family which interact with G proteins (heterotrimeric GTPases) to synthesize intracellular second messengers such as diacylglycerol, cyclic AMP, inositol phosphates and calcium ions. Their diverse biological functions range from vision and olfaction to neuronal and endocrine

signaling and are involved in many pathological conditions. The GPCR family represents the largest class of targets for modern drugs. Leucine-rich repeat-containing G protein-coupled receptor 6 (LGR6) is an orphan-A GPCR with an N-terminal ectodomain comprising variable leucine-rich repeats, a 7TM region and a unique C-terminal intracellular tail. The sequence of LGR6 is similar to TSHR, FSHR and LHR. LGR6 is predominantly expressed in the adrenal gland, ovary and uterus.

**Function:**

Orphan receptor.

**Subcellular Location:**

Cell membrane.

**Post-translational modifications:**

Phosphorylated upon DNA damage, probably by ATM or ATR.

**Similarity:**

Belongs to the G-protein coupled receptor 1 family.

Contains 15 LRR (leucine-rich) repeats.

Contains 1 LRRNT domain.

**SWISS:**

Q9HBX8

**Gene ID:**

59352

**Database links:**

[Entrez Gene: 59352](#)Human

[Entrez Gene: 329252](#)Mouse

[Entrez Gene: 498233](#)Rat

[Omim: 606653](#)Human

[SwissProt: Q9HBX8](#)Human

[SwissProt: Q3UVD5](#)Mouse

[Unigene: 497402](#)Human

[Unigene: 279594](#)Mouse

**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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