



## Rabbit Anti-GPR105 antibody

SL12028R

<b>Product Name:</b>	GPR105
<b>Chinese Name:</b>	G protein-coupled receptor105抗体
<b>Alias:</b>	A330108O13Rik; G protein coupled receptor for UDP-glucose; G protein-coupled receptor 105; G protein-coupled receptor VTR 15-20; G-protein coupled receptor 105; GPR105; KIAA0001; P2RY14; P2Y purinoceptor 14; P2Y(14) receptor; P2Y14; P2Y14 receptor; P2Y14_HUMAN; Purinergic receptor P2Y G protein coupled 14; Similar to TYPE-1 Angiotensin II receptor; UDP-glucose receptor; GPCR GPR105.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	39 kDa
<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 G-protein coupled receptor 105:125-230/338<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>	The product of this gene belongs to the family of G-protein coupled receptors, which contains several receptor subtypes with different pharmacological selectivity for

various adenosine and uridine nucleotides. This receptor is a P2Y purinergic receptor for UDP-glucose and other UDP-sugars coupled to G-proteins. It has been implicated in extending the known immune system functions of P2Y receptors by participating in the regulation of the stem cell compartment, and it may also play a role in neuroimmune function. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]

**Function:**

Receptor for UDP-glucose and other UDP-sugar coupled to G-proteins. Not activated by ATP, ADP, UTP or ATP.

**Subcellular Location:**

Cell membrane; Multi-pass membrane protein.

**Tissue Specificity:**

Highest expression in the placenta, adipose tissue, stomach and intestine, intermediate levels in the brain, spleen, lung and heart, lowest levels in the kidney.

**Similarity:**

Belongs to the G-protein coupled receptor 1 family.

**SWISS:**

Q15391

**Gene ID:**

9934

**Database links:**

[Entrez Gene: 9934](#)Human

[Entrez Gene: 140795](#)Mouse

[Entrez Gene: 171108](#)Rat

[Omim: 610116](#)Human

[SwissProt: Q15391](#)Human

[SwissProt: Q9ESG6](#)Mouse

[SwissProt: O35881](#)Rat

[Unigene: 2465](#)Human

[Unigene: 447969](#)Mouse

[Unigene: 228423](#)Rat

[Unigene: 87082](#)Rat

	<p><b>Important Note:</b></p>
--	-------------------------------

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

[www.sunlongbiotech.com](http://www.sunlongbiotech.com)