



## Rabbit Anti-Ghrelin Receptor antibody

SL11529R

<b>Product Name:</b>	Ghrelin Receptor
<b>Chinese Name:</b>	脑肠肽受体抗体
<b>Alias:</b>	GH releasing peptide receptor; GH-releasing peptide receptor; Ghrelin receptor; GHRP; GHRPR; GHS-R; GHS-R1; GHSR; GHSR_HUMAN; Growth hormone secretagogue receptor 1; Growth hormone secretagogue receptor type 1; growth hormone secretagogue receptor.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-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>	41kDa
<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 Ghrelin Receptor:75-135/366<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>	This gene encodes a member of the G-protein coupledreceptor family. The encoded protein may play a role in energyhomeostasis and regulation of body weight. Two identifiedtranscript variants are expressed in several tissues and areevolutionary

conserved in fish and swine. One transcript, 1a, excises an intron and encodes the functional protein; this protein is the receptor for the Ghrelin ligand and defines a neuroendocrine pathway for growth hormone release. The second transcript (1b) retains the intron and does not function as a receptor for Ghrelin; however, it may function to attenuate activity of isoform 1a. Mutations in this gene are associated with autosomal idiopathic short stature. [provided by RefSeq, Apr 2010].

**Function:**

Receptor for ghrelin, coupled to G-alpha-11 proteins. Stimulates growth hormone secretion. Binds also other growth hormone releasing peptides (GHRP) (e.g. Met-enkephalin and GHRP-6) as well as non-peptide, low molecular weight secretagogues (e.g. L-692,429, MK-0677, adenosine).

**Subcellular Location:**

Cell membrane.

**Tissue Specificity:**

Pituitary and hypothalamus.

**DISEASE:**

Defects in GHSR may be a cause of idiopathic short stature autosomal (ISSA) [MIM:604271]. Short stature is defined by a subnormal rate of growth.

**Similarity:**

Belongs to the G-protein coupled receptor 1 family.

**SWISS:**

Q6ISR8

**Gene ID:**

2693

**Database links:**

[Entrez Gene: 2693](#) Human

[Entrez Gene: 208188](#) Mouse

[Entrez Gene: 397372](#) Pig

[Entrez Gene: 84022](#) Rat

[Omim: 601898](#) Human

[SwissProt: Q6ISR8](#) Human

[SwissProt: Q92847](#) Human

[SwissProt: Q99P50](#) Mouse

[SwissProt: Q95254](#) Pig

[SwissProt: O08725](#) Rat

[Unigene: 130212](#) Human

[Unigene: 194721](#) Mouse

[Unigene: 16107](#) Pig

[Unigene: 74241](#) Rat

**Important Note:**

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)