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## Ghrelin Receptor Rabbit pAb

Catalog Number: bs-11529R

Target Protein: Ghrelin Receptor

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), ICC/IF (1:100-500), ELISA (1:5000-10000)

Reactivity: (predicted:Human, Mouse, Rat, Rabbit, Pig, Sheep, Cow, Horse)

Predicted MW: 41 kDa

Subcellular: Cell membrane

Locations:

Entrez Gene: 2693

Swiss Prot: Q6ISR8

Source: KLH conjugated synthetic peptide derived from human Ghrelin Receptor: 75-135/366.

Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** This gene encodes a member of the G-protein coupled receptor family. The encoded protein may play a role in energy homeostasis and regulation of body weight. Two identified transcript variants are expressed in several tissues and are evolutionarily 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].

### PRODUCT SPECIFIC PUBLICATIONS

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[IF=5.81] Shengyan Xi. et al. The Ciji-Hua' ai-Baosheng II Formula Attenuates Chemotherapy-Induced Anorexia in Mice With H22 Hepatocellular Carcinoma. Front Pharmacol. 2021; 12: 715824 IHC ; Mouse . 34489705

[IF=4.994] He Zhang. et al. Effect of feeding regimen on circadian activity rhythms of food anticipatory by ghrelin hormone in a pig

model. 2022 Mar 05 WB ; Pig . 35249475

[IF=4.546] Quancheng Liu. et al. FumDSB Can Reduce the Toxic Effects of Fumonisin B1 by Regulating Several Brain-Gut Peptides in Both the Hypothalamus and Jejunum of Growing Pigs. Toxins. 2021 Dec;13(12):874 WB,IHC ; Pig . 34941712

[IF=2.784] Liu et al. Ghrelin protects the myocardium with hypoxia/reoxygenation treatment through upregulating the expression of growth hormone, growth hormone secretagogue receptor and insulin-like growth factor-1, and promoting the phosphorylation of protein kinase B. (2018) Int.J.Mol.Med. 42:3037-3046 WB,IHC ; Rat . 30272367

[IF=3] He Zhang. et al. Inhibition of ghrelin activity by the receptor antagonist [D-Lys3]-GHRP-6 enhances hepatic fatty acid oxidation and gluconeogenesis in a growing pig model. PEPTIDES. 2023 Aug;166:171041 WB ; Pig . 37301480