

## GHSR

**Reactivity:** Human Mouse Rat

**Tested applications:** WB

**Recommended Dilution:** WB 1:500 - 1:2000

**Calculated MW:** 41kDa

**Observed MW:** Refer to figures

**Immunogen:**

A synthetic peptide of human GHSR

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

GHDP

**Catalog #:** A2957

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 2693

**Isotype:** IgG

**Swiss Prot:** Q92847

**Purity:** Affinity purification

For research use only.

**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 evolutionary 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.

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