

## GHRH

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200

**Calculated MW:** 12kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human GHRH

**Storage Buffer:**

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

**Synonym:**

GRF; INN; GHRF

**Catalog #:** A5343

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 2691

**Isotype:** IgG

**Swiss Prot:** P01286

**Purity:** Affinity purification

For research use only.

**Background:**

The protein encoded by this gene belongs to the glucagon family and is a preproprotein that is produced in the hypothalamus. The preproprotein is cleaved to form a 44 aa factor, also called somatocrinin, that acts to stimulate growth hormone release from the pituitary. Variant receptors for somatocrinin have been found in several types of tumors, and antagonists of these receptors can inhibit the growth of the tumors. Defects in this gene are a cause of dwarfism, while hypersecretion of the encoded protein is a cause of gigantism.

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