

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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