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GHRH Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP7758c

Specification

GHRH Antibody (Center) Blocking Peptide - Product Information

Primary Accession P01286

GHRH Antibody (Center) Blocking Peptide - Additional Information

Gene ID 2691

Other Names
Somatoliberin, Growth hormone-releasing factor, GRF, Growth hormone-releasing hormone, GHRH, Somatocrinin, Somatorelin, Sermorelin, GHRH, GHRF

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP7758c was selected from the Center region of human GHRH. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GHRH Antibody (Center) Blocking Peptide - Protein Information

Name GHRH

Synonyms GHRF

Function
GRF is released by the hypothalamus and acts on the adenohypophyse to stimulate the secretion of growth hormone.

Cellular Location
Secreted.

GHRH Antibody (Center) Blocking Peptide - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

GHRH Antibody (Center) Blocking Peptide - Images

GHRH Antibody (Center) Blocking Peptide - Background

GHRH 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 protein are a cause of dwarfism, while hypersecretion of the encoded protein is a cause of gigantism.