

**GHRHR Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7494b****Specification**

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**GHRHR Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q02643](#)**GHRHR Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 2692**Other Names**

Growth hormone-releasing hormone receptor, GHRH receptor, Growth hormone-releasing factor receptor, GRF receptor, GRFR, GHRHR

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7494b](/products/AP7494b) was selected from the C-term region of human GHRHR. 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.

**GHRHR Antibody (C-term) Blocking Peptide - Protein Information****Name** GHRHR**Function**

Receptor for GRF, coupled to G proteins which activate adenylyl cyclase. Stimulates somatotroph cell growth, growth hormone gene transcription and growth hormone secretion.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

Pituitary gland.

## **GHRHR Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **GHRHR Antibody (C-term) Blocking Peptide - Images**

## **GHRHR Antibody (C-term) Blocking Peptide - Background**

GHRHR encodes a receptor for growth hormone-releasing hormone. Binding of this hormone to the receptor leads to synthesis and release of growth hormone. Mutations in this gene have been associated with isolated growth hormone deficiency (IGHD), also known as Dwarfism of Sindh, a disorder characterized by short stature.

## **GHRHR Antibody (C-term) Blocking Peptide - References**

Johansson,A., Jonasson,I. PLoS ONE 4 (2), E4464 (2009)Squire,J., Zhou,A. Genomics 19 (1), 174-175 (1994)