

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

FormatPeptides 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**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)

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](#)