

GHRH Antibody (N-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7758A

Specification

GHRH Antibody (N-term) - Product Information

Application	IF, WB, IHC-P,E
Primary Accession	P01286
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	8-34

GHRH Antibody (N-term) - 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

This GHRH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 8-34 amino acids from the N-terminal region of human GHRH.

Dilution

IF~~1:10~50
WB~~1:1000
IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

GHRH Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

GHRH Antibody (N-term) - Protein Information

Name GHRH

Synonyms GHRF

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

Cellular Location

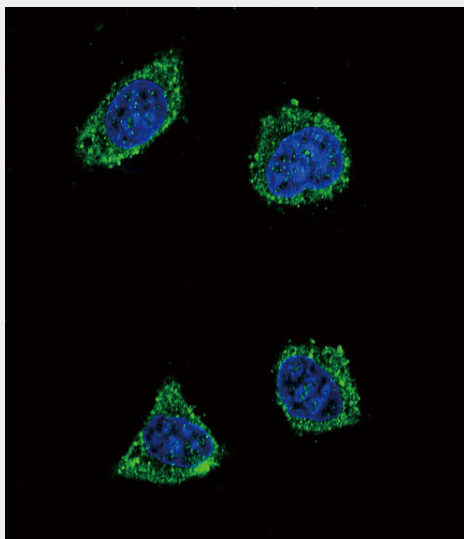
Secreted.

GHRH Antibody (N-term) - Protocols

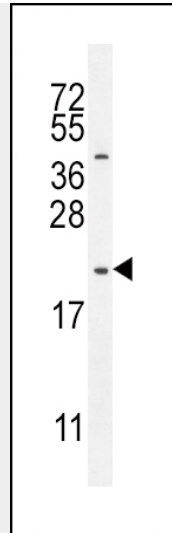
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

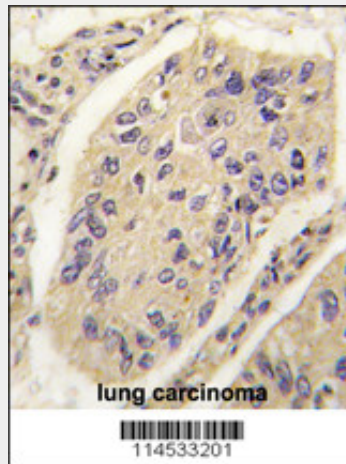
GHRH Antibody (N-term) - Images



Confocal immunofluorescent analysis of GHRH Antibody (N-term) (Cat. #AP7758a) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



GHRH Antibody (N-term) (Cat.#AP7758a) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the GHRH antibody detected the GHRH protein (arrow).



Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with GHRH antibody (N-term) (Cat.#AP7758a), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

GHRH Antibody (N-term) - 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.