

Rabbit anti-Human GHRH Polyclonal Antibody | anti-GHRH antibody

GHRH Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283749	Rabbit	Human	Immunohistochemistry, Immunofluorescence, ELISA, Western Blot

PRODUCT SYNONYMS

GHRH; Polyclonal Antibody; GHRH Antibody (N-term); Somatoliberin; Growth hormone-releasing factor; GRF; Growth hormone-releasing hormone; Somatocrinin; Somatorelin; Sermorelin; GHRF; anti-GHRH antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 1.9 (varies by lot)
Sequence Positions	8-34
Sequence Length	107
Applicable Applications for anti-GHRH antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with GHRH antibody (N-term) , 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.



IF (Immunofluorescence)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-GHRH antibody	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.
Product Categories/Family for anti-GHRH antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	296080717
NCBI GeneID	2691
NCBI Accession #	NP_001171660.1; NP_066567.1
NCBI GenBank Nucleotide #	NM_001184731.1
UniProt Accession #	P01286; Q4KN10; Q5JYR1
Molecular Weight	12447
NCBI Official Full Name	somatoliberin isoform 2 preproprotein
NCBI Official Synonym Full Names	growth hormone releasing hormone
NCBI Official Symbol	GHRH
NCBI Official Synonym Symbols	GRF; INN; GHRF
NCBI Protein Information	somatoliberin
UniProt Protein Name	Somatoliberin
UniProt Gene Name	GHRH
UniProt Synonym Gene Names	GHRF; GRF; GHRH
UniProt Entry Name	SLIB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ghrh-antibody-immunohistochemistry-immunofluorescence-western-blot-elisa/283749>