# antibodies -online.com





## anti-GHRH antibody (N-Term)

3 Images



Go to Product page

Over	$\sqrt{i}$
$\circ$	V I C V V

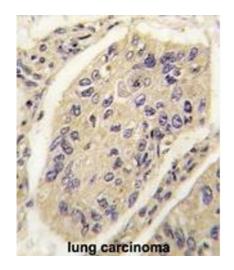
Alternative Name:

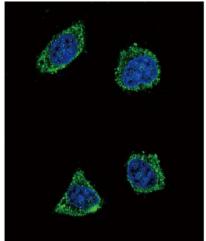
OVEIVIEW	
Quantity:	400 μL
Target:	GHRH
Binding Specificity:	AA 8-34, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GHRH antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	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.
Clone:	RB14533
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	
Target:	GHRH

**GHRH (GHRH Products)** 

### **Target Details**

-	
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.
Molecular Weight:	12447
Gene ID:	2691
NCBI Accession:	NP_001171660, NP_066567
UniProt:	P01286
Pathways:	Hormone Transport, Hormone Activity, cAMP Metabolic Process
Application Details	
Application Notes:	IF: 1:10~50. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months





#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with GHRH antibody (N-term) (ABIN392174 and ABIN2841887), 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.

#### **Immunofluorescence**

**Image 2.** Confocal immunofluorescent analysis of GHRH Antibody (N-term) (ABIN392174 and ABIN2841887) with 293 cell followed by Alexa Fluor?488-conjugated goat antirabbit IgG (green). DI was used to stain the cell nuclear (blue).

#### **Western Blotting**

**Image 3.** GHRH Antibody (N-term) (ABIN392174 and ABIN2841887) western blot analysis in MDA-M cell line lysates (35  $\mu$ g/lane). This demonstrates the GHRH antibody detected the GHRH protein (arrow).