

Ghrelin Polyclonal Antibody

Catalog # AP70083

Specification

Ghrelin Polyclonal Antibody - Product Information

Application WB, IHC-P Primary Accession Q9UBU3

Reactivity Human, Mouse, Rat

Host Rabbit Clonality Polyclonal

Ghrelin Polyclonal Antibody - Additional Information

Gene ID 51738

Other Names

GHRL; MTLRP; Appetite-regulating hormone; Growth hormone secretagogue; Growth hormone-releasing peptide; Motilin-related peptide; Protein M46

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~ \sim N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

Ghrelin Polyclonal Antibody - Protein Information

Name GHRL

Synonyms MTLRP

Function

[Ghrelin-27]: Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR) (PubMed:10604470). Induces the release of growth hormone from the pituitary (PubMed:10604470). Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion. Involved in growth regulation.

Cellular Location Secreted.

Tissue Location



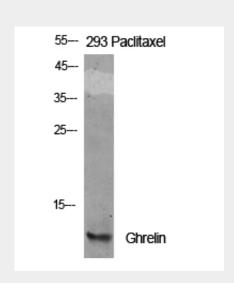
Highest level in stomach. All forms are found in serum as well. Other tissues compensate for the loss of ghrelin synthesis in the stomach following gastrectomy

Ghrelin Polyclonal Antibody - Protocols

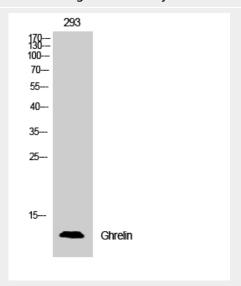
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Ghrelin Polyclonal Antibody - Images

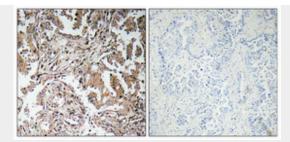


Western Blot analysis of various cells using Ghrelin Polyclonal Antibody



Western Blot analysis of 293 cells using Ghrelin Polyclonal Antibody





Immunohistochemical analysis of paraffin-embedded Human lung cancer. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Ghrelin Polyclonal Antibody - Background

Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR). Induces the release of growth hormone from the pituitary. Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion. Involved in growth regulation.