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# GHRL / Ghrelin Antibody (C-Terminus)

**Goat Polyclonal Antibody**
**Catalog # ALS12609**

## Specification

### GHRL / Ghrelin Antibody (C-Terminus) - Product Information

| | |
|---|---|
| Application | **IHC** |
| Primary Accession | Q9UBU3 |
| Reactivity | **Human, Monkey** |
| Host | **Goat** |
| Clonality | **Polyclonal** |
| Calculated MW | **13kDa KDa** |

### GHRL / Ghrelin Antibody (C-Terminus) - Additional Information

**Gene ID** 51738

**Other Names**
Appetite-regulating hormone, Growth hormone secretagogue, Growth hormone-releasing peptide, Motilin-related peptide, Protein M46, Ghrelin-27, Ghrelin-28, Ghrelin, Obestatin, GHRL, MTLRP

**Target/Specificity**
Human GHRL / Ghrelin. This antibody is expected to recognise all reported isoforms.

**Reconstitution & Storage**
Store at -20°C. Minimize freezing and thawing.

**Precautions**
GHRL / Ghrelin Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

### GHRL / Ghrelin Antibody (C-Terminus) - Protein Information

**Name** GHRL

**Synonyms** MTLRP

**Function**
[Ghrelin-27]: Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR) (PubMed:<a href="http://www.uniprot.org/citations/10604470" target="_blank">10604470</a>). Induces the release of growth hormone from the pituitary (PubMed:<a href="http://www.uniprot.org/citations/10604470" target="_blank">10604470</a>). Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion. Involved in growth regulation.

**Cellular Location**
Secreted.

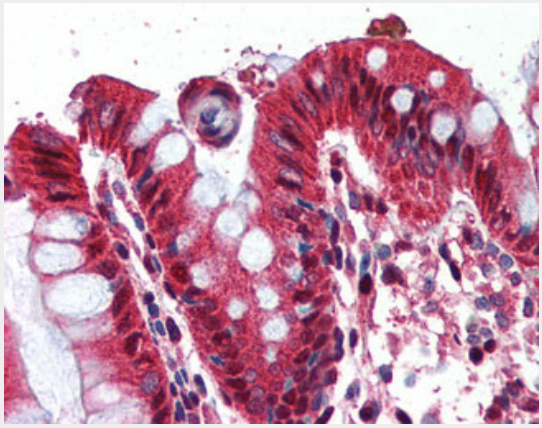
**Tissue Location**
Highest level in stomach. All forms are found in serum as well. Other tissues compensate for the loss of ghrelin synthesis in the stomach following gastrectomy

## GHRL / Ghrelin Antibody (C-Terminus) - Protocols

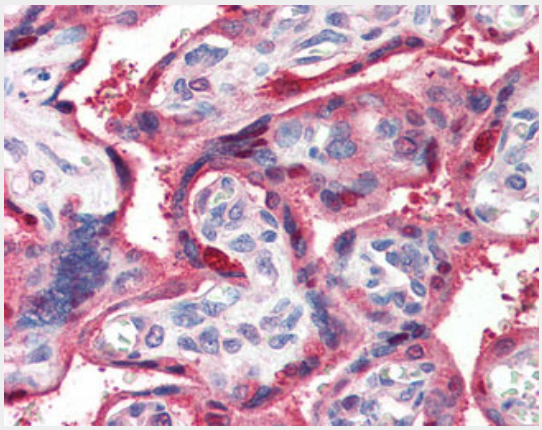
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## GHRL / Ghrelin Antibody (C-Terminus) - Images



Anti-Ghrelin antibody IHC of human colon.



Anti-Ghrelin antibody IHC of human placenta.

## GHRL / Ghrelin Antibody (C-Terminus) - 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.

**GHRL / Ghrelin Antibody (C-Terminus) - References**

Kojima M.,et al.Nature 402:656-660(1999).
Tomasetto C.,et al.Gastroenterology 119:395-405(2000).
Wajnrajch M.P.,et al.J. Endocr. Genet. 1:231-233(2000).
Hosoda H.,et al.J. Biol. Chem. 278:64-70(2003).
Seim I.,et al.BMC Genomics 8:298-298(2007).