

## GHRL Polyclonal Antibody

Catalog number: 13309-1-AP

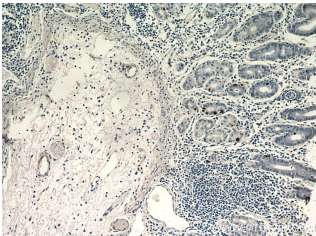
Size: 41 µg/150 µl

Source: Rabbit

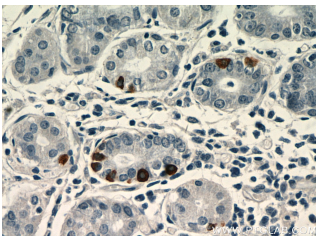
Isotype: IgG

Synonyms:

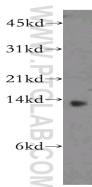
GHRL; Appetite regulating hormone, Ghrelin Obestatin, GHRL, Growth hormone secretagogue, Motilin related peptide, MTLRP, obestatin, Protein M46



Immunohistochemical of paraffin-embedded human stomach using 13309-1-AP(GHRL antibody) at dilution of 1:100 (under 10x lens)



Immunohistochemical of paraffin-embedded human stomach using 13309-1-AP(GHRL antibody) at dilution of 1:100 (under 40x lens)



human stomach tissue were subjected to SDS PAGE followed by western blot with 13309-1-AP(GHRL antibody) at dilution of 1:400

### Background

GHRL encodes ghrelin-obestatin preproprotein, which generates ghrelin and obestatin. Ghrelin is predominantly produced in endocrine cells in the gastric mucosa, called X/A-like or ghrelin cells, from where it is secreted into the plasma. In the pituitary gland, ghrelin stimulates growth hormone release and regulates food intake and energy metabolism. Obestatin was initially reported to be an endogenous ligand for the orphan G protein-coupled receptor GPR39 and was involved in satiety and decreased food intake; however, these findings are controversial. Recent reports show that obestatin is involved in inhibiting thirst and anxiety, improving memory, regulating sleep, affecting cell proliferation, and increasing the secretion of pancreatic juice enzymes.

### Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Rat; other species not tested.
Calculated GHRL MW:	117aa,13 kDa
Observed GHRL MW:	13 kDa
Positive WB detected in	Human stomach tissue
Positive IHC detected in	Human stomach tissue, mouse stomach tissue, rat stomach tissue
Recommended dilution:	WB: 1:200-1:1000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag4141
GenBank accession number:	BC025791
Gene ID (NCBI):	51738
Full name:	Ghrelin/obestatin prepropeptide

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.