

Rabbit anti-Human, Rat GHRL Polyclonal Antibody | anti-GHRL antibody

GHRL Rabbit Polyclonal Antibody

CATALOG # AAA313320	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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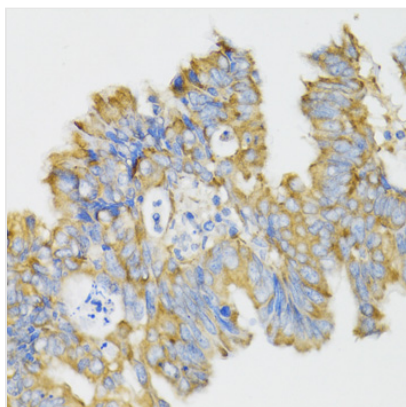
PRODUCT SYNONYMS

GHRL; Polyclonal Antibody; GHRL Rabbit Polyclonal Antibody; MTLRP; anti-GHRL antibody

PRODUCT SPECIFICATIONS

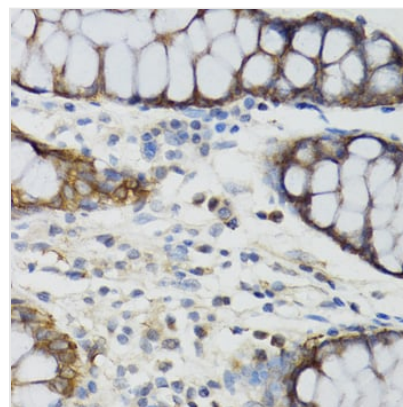
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-GHRL antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human GHRL (NP_057446.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



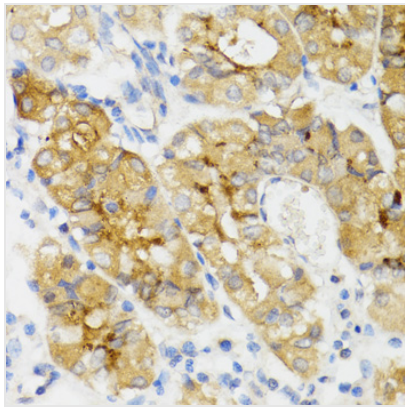
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectal cancer using GHRL at dilution of 1:100 (40x lens).



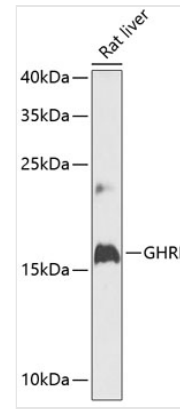
IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human rectum using GHRL at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using GHRL at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of rat liver, using GHRL at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-GHRL antibody

This gene encodes the ghrelin-obestatin preproprotein that is cleaved to yield two peptides, ghrelin and obestatin. Ghrelin is a powerful appetite stimulant and plays an important role in energy homeostasis. Its secretion is initiated when the stomach is empty, whereupon it binds to the growth hormone secretagogue receptor in the hypothalamus which results in the secretion of growth hormone (somatotropin). Ghrelin is thought to regulate multiple activities, including hunger, reward perception via the mesolimbic pathway, gastric acid secretion, gastrointestinal motility, and pancreatic glucose-stimulated insulin secretion. It was initially proposed that obestatin plays an opposing role to ghrelin by promoting satiety and thus decreasing food intake, but this action is still debated. Recent reports suggest multiple metabolic roles for obestatin, including regulating adipocyte function and glucose metabolism. Alternative splicing results in multiple transcript variants. In addition, antisense transcripts for this gene have been identified and may potentially regulate ghrelin-obestatin preproprotein expression.

Product Categories/Family for anti-GHRL antibody

Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	17865471
NCBI GeneID	51738
UniProt Accession #	Q9UBU3; Q86YP8; Q8TAT9; Q9H3R3; A8CF34; A8CF38; A8CF42; A8DN29; A8DN30
Molecular Weight	117
NCBI Official Full Name	Appetite-regulating hormone
NCBI Official Synonym Full Names	ghrelin/obestatin prepropeptide
NCBI Official Symbol	GHRL
NCBI Official Synonym Symbols	MTLRP
NCBI Protein Information	appetite-regulating hormone; motilin-related peptide; ghrelin/obestatin preprohormone; growth hormone-releasing peptide; prepro-appetite regulatory hormone; ghrelin, growth hormone secretagogue receptor ligand
UniProt Protein Name	Appetite-regulating hormone
UniProt Gene Name	GHRL
UniProt Synonym Gene Names	MTLRP; Ghrelin
UniProt Entry Name	GHRL_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.

