

Anti-GHRL antibody

Cat. No.	ml261708
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-GHRL rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human GHRL
Reactivity	Human, Mouse, Rat
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	GHRL
Full name	ghrelin/obestatin prepropeptide
Synonyms	MTLRP
Swissprot	Q9UBU3

Target Background

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.

订购热线: 4008-898-798

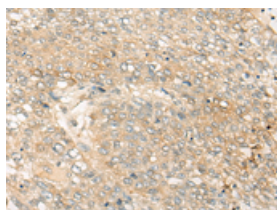
Applications

Immunohistochemistry

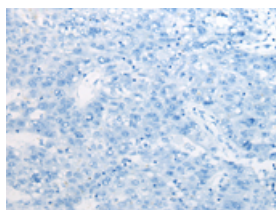
Predicted cell location: Secreted

Positive control: Human liver cancer

Recommended dilution: 20-100



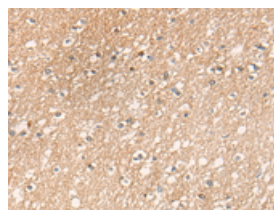
The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml261708(GHRL Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



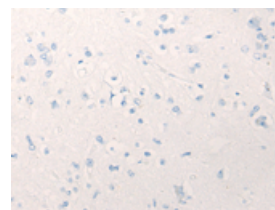
Predicted cell location: Secreted

Positive control: Human brain

Recommended dilution: 20-100



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using ml261708(GHRL Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



ELISA

Recommended dilution: 5000-10000

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