

RM18049

Leader in Biomolecular Solutions for Life Science



Rabbit anti-Human Ghrelin mAb(CAP)

Catalog No.: RM18049

Basic Information

Catagory

Matched Antibody Pair

Applications

ELISA

Product Information

Ig Type

Rabbit IgG

Purification

Affinity purification

Endotoxin Level

Storage

Store unopened kit at 2-8 °C for 1 week. If more than one week, please keep the components of the kit according to the instructions. Do not use past kit expiration date.

Avoid repeated freeze-thaw cycles.

Formulation

Supplied as a 0.2um filtered solution in PBS with 0.05%ProClin 300,PH 7.4.

Contact



www.abclonal.com

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.

Immunogen Information

Immunogen

Recombinant Human Ghrelin

Cross-Reactivity

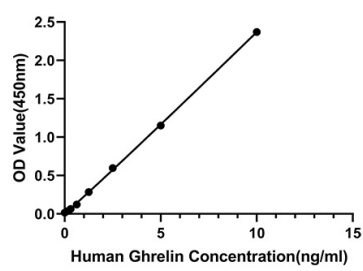
/

Assay Applications

Human Ghrelin Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	2-8ug/mL	Rabbit anti-Human Ghrelin mAb(CAP)(Cat. No.RM18049)
ELISA Detection	0.008-0.032ug/mL	Rabbit anti-Human Ghrelin mAb(DET)(Cat. No.RM18050)
Standard	0.16-10ng/mL	Recombinant Human Ghrelin Protein

Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.