Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human Ghrelin mAb(DET)

Catalog No.: RM18050

Basic Information

Catalog No.
RM18050

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
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Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.3.

Contact

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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 identifie...

Immunogen Information

Immunogen
Recombinant Human Ghrelin

Cross-Reactivity

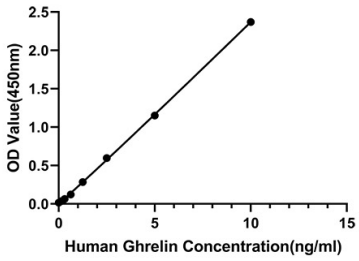
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Assay Applications

Human Ghrelin Sandwich Immunoassay

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

Validation Data



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