Recombinant DGRmAb®

Ghrelin (DGR14955) Rabbit mAb

db15190 **Package : 10μL 20μL 50μL 100μL**

Product Name : Ghrelin (DGR14955) Rabbit mAb
Cat.No.: db15190
Synonyms : MTLRP
Application : IHC-P
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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. [provided by RefSeq, Nov 2014]
Immunogen	A synthetic peptide of human Ghrelin
Gene ID	51738
Swiss Prot	Q9UBU3
Synonyms	MTLRP
Reactivity	Human,Mouse,Rat
Application	IHC-P
Recommended dilution	IHC-P: 1:1000-1:5000
Calculated MW	13 kDa
Observed MW	13 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR14955
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.