

GHRL polyclonal antibody

Catalog # PAB4987 Size 150 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of GHRL.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human GHRL.
Sequence	GSSFLSPEHQRVQQRKESKKPPAKLQPR
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against synthetic peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.5 (50% glycerol, 0.01% thimerosal)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains thimerosal: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunoprecipitation
- Enzyme Immunoassay

Gene Info — GHRL

Entrez GeneID [51738](#)

Gene Name	GHRL
Gene Alias	MTLRP, obestatin
Gene Description	ghrelin/obestatin prepropeptide
Omim ID	601665 605353
Gene Ontology	Hyperlink
Gene Summary	This gene encodes ghrelin-obestatin preproprotein, which generates ghrelin and obestatin. Ghrelin is an endogenous ligand for the growth hormone secretagogue receptor and is involved in regulating growth hormone release. Obestatin was initially reported to be an endogenous ligand for the orphan G protein-coupled receptor GPR39 and was involved in satiety and decreased food intake; however, these findings are controversial. Recent reports show that obestatin is involved in inhibiting thirst and anxiety, improving memory, regulating sleep, affecting cell proliferation, and increasing the secretion of pancreatic juice enzymes. Alternative promoters and alternative splicing result in multiple transcript variants, some of which encode different protein isoforms and some of which do not encode a protein but may regulate the ghrelin-obestatin preproprotein expression. In addition, antisense transcripts for this gene have been identified and may also function in regulation of the ghrelin-obestatin preproprotein expression. [provided by RefSeq]
Other Designations	ghrelin, growth hormone secretagogue receptor ligand ghrelin/obestatin ghrelin/obestatin preprohormone motilin-related peptide

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Adenocarcinoma](#)
- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Appetite](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)

- [Body Image](#)
- [Body Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bulimia](#)
- [Bulimia Nervosa](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Diabetic Nephropathies](#)
- [Drug Toxicity](#)
- [Eating Disorders](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glucose Intolerance](#)
- [Hypercholesterolemia](#)
- [Hypertension](#)
- [Inflammation](#)

- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Microsatellite Instability](#)
- [Myocardial Infarction](#)
- [NARP](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Panic Disorder](#)
- [Polycystic Ovary Syndrome](#)
- [Psychiatric Status Rating Scales](#)
- [Puberty](#)
- [Reward](#)
- [Schizophrenia](#)
- [Substance-Related Disorders](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)
- [Weight Gain](#)