

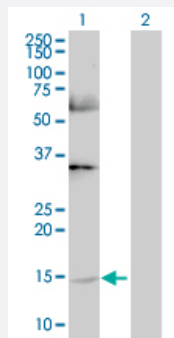
MaxPab®

GHRL MaxPab mouse polyclonal antibody (B01P)

Catalog # H00051738-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of GHRL expression in transfected 293T cell line ([H00051738-T01](#)) by GHRL MaxPab polyclonal antibody.

Lane1:GHRL transfected lysate(12.98 KDa).

Lane 2:Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human GHRL protein.
Immunogen	GHRL (AAH25791, 1 a.a. ~ 117 a.a) full-length human protein.
Sequence	MPSPGTVCSLLLLGMLWLDLAMAGSSFLSPEHQRVQQRKESKKPPAKLQPRALAGWLRPEDG GQAEGAEDEMEVRFNAPFDVGIKLSGVQYQQHSQALGKFLQDILWEEAKEAPADK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (82)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

Gene Info — GHRL

Entrez GeneID [51738](#)

GeneBank Accession# [BC025791](#)

Protein Accession# [AAH25791](#)

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](#)