# Ghrelin/Obestatin Preprohormone (GHRL) Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | Ghrelin/Obestatin Preprohormone (GHRL), Polyclonal Antibody |
| **Full Product Name** | Polyclonal Antibody to Ghrelin/Obestatin Preprohormone (GHRL) |
| **Product Gene Name** | anti-GHRL antibody |
| **Product Synonym Names** | GHRL/Ghrelin/Obestatin Preprohormone; MTLRP; Preproghrelin; Growth Hormone Secretagogue Receptor Ligand; Appetiteregulating hormone; Growth hormonereleasing peptide; Motilinrelated peptide |
| **Clonality** | Polyclonal |
| **Host** | Rabbit |
| **Species Reactivity** | Mouse |
| **Form/Format** | Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol. |
| **Purity/Purification** | Antigenspecific affinity chromatography followed by Protein A affinity chromatography |
| **Concentration** | 500ug/mL (lot specific) |
| **Specificity** | The antibody is a rabbit polyclonal antibody raised against GHRL. It has been selected for its ability to recognize GHRL in immunohistochemical staining and western blotting. |
| **Preparation and Storage** | Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months<br>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| **Matching Pairs** | Unconjugated Antibody: GHRL (MBS2139685)<br>APC-CY7 Conjugated Antibody: GHRL (MBS2136000) |
| **Matching Pairs** | Unconjugated Antibody: GHRL (MBS2139685)<br>PE Conjugated Antibody: GHRL (MBS2136001) |
| **Matching Pairs** | Unconjugated Antibody: GHRL (MBS2139685)<br>APC Conjugated Antibody: GHRL (MBS2136002) |
| **Matching Pairs** | Unconjugated Antibody: GHRL (MBS2139685)<br>Cy3 Conjugated Antibody: GHRL (MBS2136003) |
| **Matching Pairs** | Unconjugated Antibody: GHRL (MBS2139685)<br>Biotin Conjugated Antibody: GHRL (MBS2136004) |
| **Matching Pairs** | Unconjugated Antibody: GHRL (MBS2139685)<br>FITC Conjugated Antibody: GHRL (MBS2136005) |
| **Matching Pairs** | Unconjugated Antibody: GHRL (MBS2139685)<br>HRP Conjugated Antibody: GHRL (MBS2136006) |
| **Molecular Weight** | 13,207 Da |
| **Chromosome Location** | Chromosome: 6; NC_000072.6 (113716119..113719880, complement). Location: 6 E3; 6 52.84 cM |
| **3D Structure** | ModBase 3D Structure for Q9EQX0 |
| **Supply Chain Verification** | Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire. |
| **Immunogen Type** | Prokaryotic Recombinant proteins/RP |

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| **Sequence of Immunogen** | Leu28~Lys117 |
| **Conjugation** | Unconjugated |
| **Product Categories/Family for anti-GHRL antibody** | Endocrinology; Primary |
| **ISO Certification** | Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory. |
| **Applications Tested/Suitable for anti-GHRL antibody** | Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP) |
| **Application Notes for anti-GHRL antibody** | WB: 0.52ug/mL<br>IHC: 520ug/mL<br>ICC: 520ug/mL |
| **Related Product Information for anti-GHRL antibody** | MBS2139685 is an antibody targeting GHRL. Also known as Polyclonal Antibody to Ghrelin/Obestatin Preprohormone (GHRL). Reactive in Mouse. Host: Rabbit. |
| **Other Notes** | Small volumes of anti-GHRL antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GHRL. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 19224664 |
| **NCBI GeneID** | 58991 |
| **NCBI Accession #** | NP_067463.2 |
| **UniProt Primary Accession #** | Q9EQX0 |
| **UniProt Secondary Accession #** | Q9WUZ1 |
| **UniProt Related Accession #** | Q9EQX0 |
| **GenBank Nucleotide #** | NM_021488.4 |
| **NCBI Official Full Name** | appetite-regulating hormone |
| **NCBI Official Synonym Full Names** | ghrelin |
| **NCBI Official Symbol** | Ghrl |
| **NCBI Official Synonym Symbols** | Ghr; m46; MTLRP; MTLRPAP; 2210006E23Rik |
| **UniProt Protein Name** | Appetite-regulating hormone |
| **UniProt Synonym Protein Names** | Growth hormone secretagogue; Growth hormone-releasing peptide; Motilin-related peptide; Protein M46 |
| **Protein Family** | Appetite-regulating hormone |
| **UniProt Gene Name** | Ghrl |
| **UniProt Synonym Gene Names** | Mtlrp |
| **UniProt Entry Name** | GHRL_MOUSE |
| **NCBI Protein Information** | appetite-regulating hormone; proghrelin; preproghrelin; motilin-related peptide; growth hormone secretagogue; growth hormone-releasing peptide |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |

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