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GHRL Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21965a

Product Information

Application	WB, E
Primary Accession	Q9UBU3
Reactivity	Human, Rat, Mouse
Predicted	Canine, Rabbit
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB55263
Calculated MW	12911

Additional Information

Gene ID	51738
Other Names	Appetite-regulating hormone, Growth hormone secretagogue, Growth hormone-releasing peptide, Motilin-related peptide, Protein M46, Ghrelin-27, Ghrelin-28, Ghrelin, Obestatin, GHRL, MTLRP
Target/Specificity	This GHRL antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 11-43 amino acids from human GHRL.
Dilution	WB~~1:2000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	GHRL Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GHRL
Synonyms	MTLRP
Function	Precursor of the appetite-regulating peptide ghrelin, including ghrelin-27 and ghrelin-28.

Cellular Location	Secreted {ECO:0000250|UniProtKB:Q9EQX0}.
Tissue Location	Highest level in stomach. All forms are found in serum as well. Other tissues compensate for the loss of ghrelin synthesis in the stomach following gastrectomy

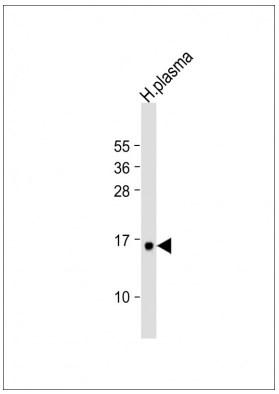
Background

Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR). Induces the release of growth hormone from the pituitary. Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion. Involved in growth regulation.

References

Kojima M.,et al.Nature 402:656-660(1999).
Tomasetto C.,et al.Gastroenterology 119:395-405(2000).
Wajnrajch M.P.,et al.J. Endocr. Genet. 1:231-233(2000).
Hosoda H.,et al.J. Biol. Chem. 278:64-70(2003).
Seim I.,et al.BMC Genomics 8:298-298(2007).

Images



Anti-GHRL Antibody (N-Term) at 1:2000 dilution + human plasma lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 13 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.