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PRODUCT DATASHEET

Anti-Ghrelin Antibody

Product Details

Available Variants	100 uL (SKU:ABS 050-45-010) 400 uL (SKU:ABS 050-45-04) 1000 uL (SKU:ABS 050-45-1)
Conjugate	Unconjugated
Isotype	IgG1/l
Clone	45
Gene Name	GHRL
Host Species	Mouse
Concentration	1 mg/mL ±15%
Format	Protein A or Protein G purified
Physical State	Liquid
Buffer	0.01 M phosphate buffer, pH 7.4, with 0.5 M NaCl and 15 mM sodium azide
Production Notes	BSA free
Applications	ELISA, WB
Species Reactivity	Human
Immunogen	Synthetic human Ser3-octanoyl ghrelin-28
Specificity	ABS 050-45 binds human octanoylated ghrelin and human des-acyl ghrelin.
Molecular Weight	13 kDa (pro-ghrelin), 6 kDa (mature ghrelin)
Storage	2-8°C without exposure to light
UniProt ID	Q9UBU3 UniProt Summary: Precursor of the appetite-regulating peptide ghrelin, including ghrelin-27 and ghrelin-28. {ECO:0000269|PubMed:11306336, ECO:0000269|PubMed:35027551}.; [Ghrelin-27]: Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR) (PubMed:10604470, PubMed:35027551). Induces the release of growth hormone from the pituitary

	(PubMed:10604470). Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion (PubMed:11739476). Involved in growth regulation (PubMed:10604470). {ECO:0000269|PubMed:10604470, ECO:0000269|PubMed:11739476, ECO:0000269|PubMed:35027551}.; [Ghrelin-28]: Ghrelin is the ligand for growth hormone secretagogue receptor type 1 (GHSR) (PubMed:10604470, PubMed:35027551). Octanoylated ghrelin-28 is the most commonly found ghrelin and octanoylation is essential for the activation of the growth hormone secretagogue receptor type 1 (GHSR) (PubMed:11306336, PubMed:35027551). Induces the release of growth hormone from the pituitary (PubMed:10604470). Has an appetite-stimulating effect, induces adiposity and stimulates gastric acid secretion (PubMed:11739476). Involved in growth regulation (PubMed:10604470). {ECO:0000269|PubMed:10604470, ECO:0000269|PubMed:11306336, ECO:0000269|PubMed:11739476, ECO:0000269|PubMed:35027551}.; [Obestatin]: May have an appetite-reducing effect resulting in decreased food intake (By similarity). May reduce gastric emptying activity and jejunal motility (By similarity). {ECO:0000250|UniProtKB:Q9QYH7}.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	51738

Product Images



Anti-Ghrelin Antibody



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