




Product datasheet

Anti-Ghrelin antibody ab129383

11 References

Overview

Product name	Anti-Ghrelin antibody
Description	Rabbit polyclonal to Ghrelin
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB, ELISA
Species reactivity	Reacts with: Mouse Predicted to work with: Rat, Cat, Dog, Human, Rhesus monkey 
Immunogen	Synthetic peptide corresponding to Mouse Ghrelin aa 1-100 conjugated to keyhole limpet haemocyanin. Database link: Q9EQX0-1  Run BLAST with  Run BLAST with
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.02% Sodium azide Constituent: 99% PBS
Purity	Affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab129383 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 13 kDa.
ELISA		Use at an assay dependent concentration.

Target

Function	<p>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.</p> <p>Obestatin may be the ligand for GPR39. May have an appetite-reducing effect resulting in decreased food intake. May reduce gastric emptying activity and jejunal motility.</p>
Tissue specificity	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.
Sequence similarities	Belongs to the motilin family.
Post-translational modifications	<p>O-octanoylation or O-decanoylation is essential for ghrelin activity. The O-decanoylated forms Ghrelin-27-C10 and Ghrelin-28-C10 differ in the length of the carbon backbone of the carboxylic acid bound to Ser-26. A small fraction of ghrelin, ghrelin-28-C10:1, may be modified with a singly unsaturated carboxylic acid.</p> <p>Amidation of Leu-98 is essential for obestatin activity.</p>
Cellular localization	Secreted.

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