

Anti-Ghrelin antibody [45] ab112477

2 References

概述

产品名称	Anti-Ghrelin抗体[45]
描述	小鼠单克隆抗体[45] to Ghrelin
宿主	Mouse
特异性	ab112477 binds Human ghrelin and Human des-acyl ghrelin, cross-reacting ~5% with rat ghrelin (determined by sandwich ELISA).
经测试应用	适用于: ELISA
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human Ghrelin. Synthetic Human Ser3-octanoyl ghrelin-28 Database link: Q9UBU3-1
表位	Not determined. Probably includes residues 11 or 12 to account for the lower cross-reactivity with rat ghrelin.
常规说明	<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>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.40 Preservative: 0.1% Sodium azide Constituents: 97% PBS, 2.9% Sodium chloride
纯度	Protein A purified
克隆	单克隆
克隆编号	45

同种型	IgG1
轻链类型	lambda

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab112477于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		Use at an assay dependent concentration.

靶标

功能	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. 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.
组织特异性	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.
序列相似性	Belongs to the motilin family.
翻译后修饰	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. Amidation of Leu-98 is essential for obestatin activity.
细胞定位	Secreted.

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