

Ghrelin (rat), Endogenous GHS agonist ab120231

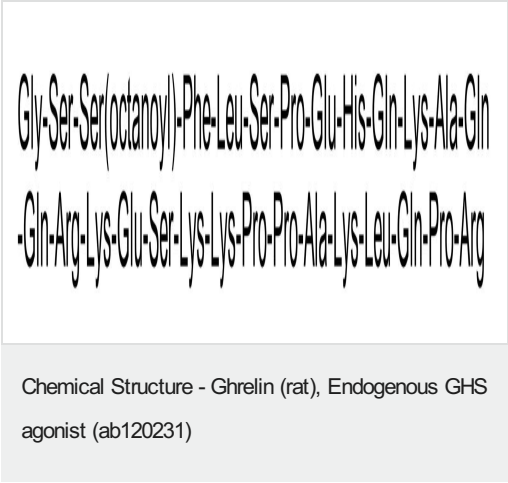
4 References 2 图像

概述	
产品名称	Ghrelin (rat), Endogenous GHS激动剂
描述	Endogenous GHS激动剂
生物学描述	Endogenous agonist peptide for the ghrelin (GHS) receptor. Stimulates release of growth hormone from the pituitary gland and regulates feeding, growth and energy production.
CAS编号	258338-12-4
化学结构	<div><div></div><div>Gly-Ser-Ser(octanoyl)-Phe-Leu-Ser-Pro-Glu-His-Gln-Lys-Ala-Gln -Gln-Arg-Lys-Glu-Ser-Lys-Lys-Pro-Pro-Ala-Lys-Leu-Gln-Pro-Arg</div></div>
性能	
分子量	3314.83
分子式	C <sub>147</sub> H <sub>245</sub> N <sub>45</sub> O <sub>42</sub>
序列	GSSFLSPEHQKAQQRKESKKPPAKLQPR (Modifications: Ser-2 = Cys(n-oct))
PubChem识别号	90479797
存放说明	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解度概述	Soluble in water
处理	<p>Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one week. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
来源	Synthetic
应用	

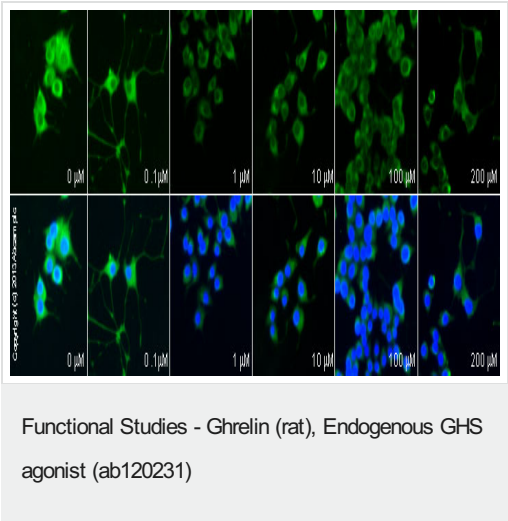
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Functional Studies		Use at an assay dependent concentration.

图片



2D chemical structure image of ab120231, Ghrelin (rat), Endogenous GHS agonist



**ab6427** staining dopamine in PC12 cells treated with ghrelin (rat) (ab120231), by ICC/IF. Decrease in dopamine expression correlates with increased concentration of ghrelin, as described in literature.

The cells were incubated at 37°C for 10 minutes in media containing different concentrations of ab120231 (ghrelin) in DMSO, fixed with 100% methanol for 5 minutes at -20°C and blocked with PBS containing 10% goat serum, 0.3 M glycine, 1% BSA and 0.1% tween for 2h at room temperature. Staining of the treated cells with **ab6427** (1/200 dilution) was performed overnight at 4°C in PBS containing 1% BSA and 0.1% tween. A DyLight 488 goat anti-rabbit polyclonal antibody (**ab96899**) at 1/250 dilution was used as the secondary antibody. Nuclei were counterstained with DAPI and are shown in blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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