

Ghrelin (rat), Endogenous GHS agonist ab120231

4 References 画像数 2

製品の概要

製品名	Ghrelin (rat), Endogenous GHS agonist
製品の詳細	Endogenous GHS agonist
生理活性の詳細	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 番号	258338-12-4
構造式	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

製品の特性

分子量	3314.83
分子式	C ₁₄₇ H ₂₄₅ N ₄₅ O ₄₂
配列	GSSFLSPEHQKAQQRKESKKPPAKLQPR (Modifications: Ser-2 = Cys(n-oct))
PubChem 登録番号	90479797
保存方法	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
溶解性	Soluble in water
使用に関する注意	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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
由来	Synthetic

アプリケーション

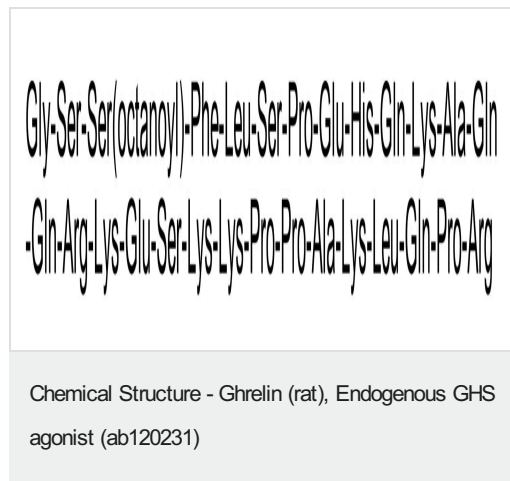
The Abpromise guarantee

Abpromise保証は、次のテスト済みアプリケーションにおけるab120231の使用に適用されます

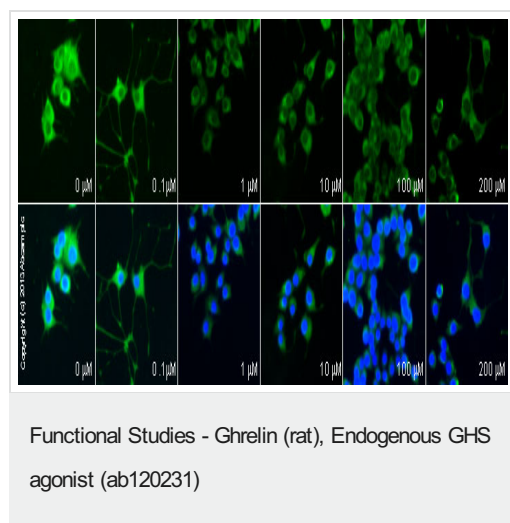
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Functional Studies		Use at an assay dependent concentration.

画像



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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