abcam

Product datasheet

HRP Anti-Growth Hormone antibody [KT34] ab106749

画像数 1

医薬用外劇物

製品の概要

製品名	HRP Anti-Growth Hormone antibody [KT34]
製品の詳細	HRP Rat monoclonal [KT34] to Growth Hormone
由来種	Rat
標識	HRP
アプリケーション	**適用あり:** Sandwich ELISA
種交差性	**交差種:** Human
免疫原	Recombinant Human Growth Hormone
特記事項	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. 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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C.
バッファー	Preservative: 0.01% Thimerosal (merthiolate) Constituent: PBS
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	KT34
アイソタイプ	IgG2a

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ab106749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検討ください。

アプリケーション	Abreviews	特記事項
Sandwich ELISA		1/1000. Can be paired for Sandwich ELISA with **Rat monoclonal [KT19] to Growth Hormone (ab106720)**. Can be used as detection antibody when paired with **ab106720**.

ターゲット情報

機能

Plays an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. It stimulates both the differentiation and proliferation of myoblasts. It also stimulates amino acid uptake and protein synthesis in muscle and other tissues.

関連疾患

Defects in GH1 are a cause of growth hormone deficiency isolated type 1A (IGHD1A) [MIM:262400]; also known as pituitary dwarfism I. IGHD1A is an autosomal recessive deficiency of GH which causes short stature. IGHD1A patients have an absence of GH with severe dwarfism and often develop anti-GH antibodies when given exogenous GH.
Defects in GH1 are a cause of growth hormone deficiency isolated type 1B (IGHD1B) [MIM:612781]; also known as dwarfism of Sindh. IGHD1B is an autosomal recessive deficiency of GH which causes short stature. IGHD1B patients have low but detectable levels of GH. Dwarfism is less severe than in IGHD1A and patients usually respond well to exogenous GH.
Defects in GH1 are the cause of Kowarski syndrome (KWKS) [MIM:262650]; also known as pituitary dwarfism VI.
Defects in GH1 are a cause of growth hormone deficiency isolated type 2 (IGHD2) [MIM:173100]. IGHD2 is an autosomal dominant deficiency of GH which causes short stature. Clinical severity is variable. Patients have a positive response and immunologic tolerance to growth hormone therapy.

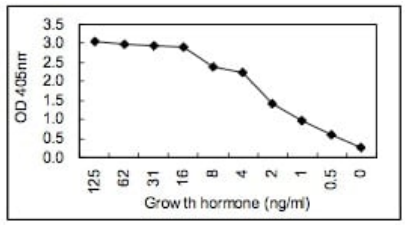
配列類似性

Belongs to the somatotropin/prolactin family.

細胞内局在

Secreted.

画像



Sandwich ELISA - HRP Anti-Growth Hormone antibody [KT34] (ab106749)

Sandwich ELISA using a plate coated with a Rat IgG1 monoclonal and HRP conjugated ab106749 at 1/1000 dilution.

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

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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