abcam

Product datasheet

HRP Anti-Growth Hormone antibody [KT34] ab106749

1 图像

概述

产品名称	HRP Anti-Growth Hormone抗体[KT34]
描述	HRP大鼠单克隆抗体[KT34] to Growth Hormone
宿主	Rat
偶联物	HRP
经测试应用	**适用于:** Sandwich ELISA
种属反应性	**与反应:** Human
免疫原	Recombinant Human Growth Hormone
常规说明	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

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.01% Thimerosal (merthiolate) Constituent: PBS
纯度	Protein G purified
克隆	单克隆
克隆编号	KT34
同种型	IgG2a

应用

The Abpromise guarantee	**Abpromise™承诺保证使用ab106749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
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**.

靶标

功能

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.

疾病相关

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.

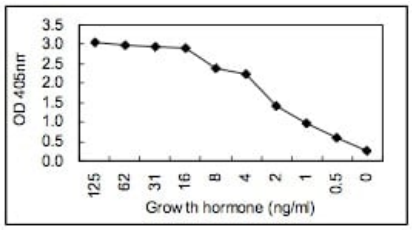
序列相似性

Belongs to the somatotropin/prolactin family.

细胞定位

Secreted.

图片



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.

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

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