

Biotin Anti-IGF1 antibody ab83137

概述

产品名称	生物素Anti-IGF1抗体
描述	生物素兔多克隆抗体to IGF1
宿主	Rabbit
偶联物	Biotin
经测试应用	适用于: Sandwich ELISA, WB
种属反应性	与反应: Human
免疫原	Highly pure (>98%) recombinant human IGF1.
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	Lyophilized:Centrifuge vial prior to opening. Reconstitute in sterile PBS containing 0.1% BSA to a concentration of 1.0 mg/ml.
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	Constituent: PBS
纯度	Protein A purified
纯化说明	ab83137 is sterile filtered.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab83137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		Use at an assay dependent concentration. Can be paired for Sandwich ELISA with Rabbit polyclonal to IGF1 (ab9572) . Allows for the detection of at least 0.2 - 0.4 ng/well of recombinant IGF1.
WB		Use at an assay dependent concentration. Predicted molecular weight: 22 kDa. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIGF-I is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

靶标

功能	The insulin-like growth factors, isolated from plasma, are structurally and functionally related to insulin but have a much higher growth-promoting activity. May be a physiological regulator of [1-14C]-2-deoxy-D-glucose (2DG) transport and glycogen synthesis in osteoblasts. Stimulates glucose transport in rat bone-derived osteoblastic (PyMS) cells and is effective at much lower concentrations than insulin, not only regarding glycogen and DNA synthesis but also with regard to enhancing glucose uptake.
疾病相关	Defects in IGF1 are the cause of insulin-like growth factor I deficiency (IGF1 deficiency) [MIM:608747]. IGF1 deficiency is an autosomal recessive disorder characterized by growth retardation, sensorineural deafness and mental retardation.
序列相似性	Belongs to the insulin family.
细胞定位	Secreted.
形式	There are 2 isoforms produced by alternative splicing. Isoform 1 also known as: IGF-IB; Isoform 2 also known as: IGF-IA.

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

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