


Anti-IGF1 antibody ab106836

★★★★★ [3 Abreviews](#) [12 References](#) [2 图像](#)

概述

产品名称	Anti-IGF1抗体
描述	山羊多克隆抗体to IGF1
宿主	Goat
经测试应用	适用于: WB, ICC, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat, Rabbit, Horse, Chicken, Cow, Dog, Pig 
免疫原	Peptide with sequence C-RSVRAQRHTD , from the internal region of human IGF1 sequence according to NP_001104753.1; NP_001104754.1; NP_001104755.1; NP_000609.1. Run BLAST with Run BLAST with
阳性对照	ICC: Human HEK-293 cells; WB: Human uterus tissue lysate; IHC-P: Human spleen tissue.
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	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: Tris buffered saline, 0.5% BSA
纯度	Immunogen affinity purified
纯化说明	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

克隆 多克隆
同种型 IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab106836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
WB	★★★★☆ (2)	Use a concentration of 0.5 - 2 µg/ml. Detects a band of approximately 15 kDa (predicted molecular weight: 22 kDa). 1 hour primary incubation is recommended for this product.
ICC		Use a concentration of 10 µg/ml.
IHC-P		Use a concentration of 3.75 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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.

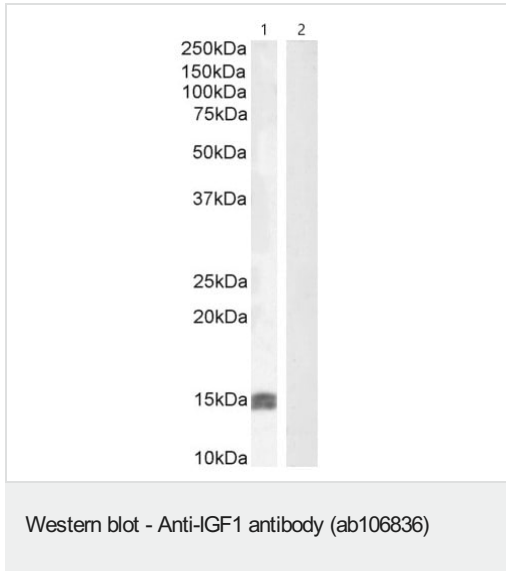
疾病相关 Defects in IGF1 are the cause of insulin-like growth factor I deficiency (IGF1 deficiency) [MIM:608747]. IGF1 deficiency is an autosomal recessive disorder characterized by growth retardation, sensorineural deafness and mental retardation.

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.

图片



All lanes : Anti-IGF1 antibody (ab106836) at 0.5 µg/ml

Lane 1 : Human uterus tissue lysate in RIPA buffer

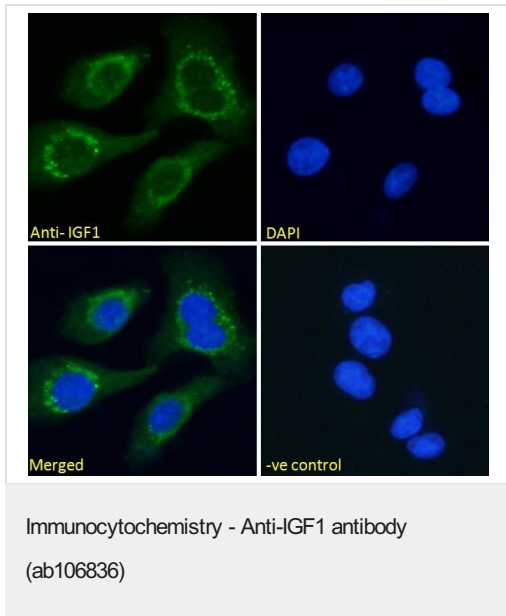
Lane 2 : HepG2 (human liver hepatocellular carcinoma cell line) whole cell lysate in RIPA buffer

Lysates/proteins at 35 µg per lane.

Predicted band size: 22 kDa

Observed band size: 15 kDa

Primary incubation for 1 hour at room temperature. Detected by chemiluminescence.



Immunocytochemistry analysis of paraformaldehyde fixed HEK-293 (human epithelial cell line from embryonic kidney) cells, permeabilized with 0.15% Triton. Primary incubation for 1 hour at 10 µg/mL followed by Alexa Fluor® 488 secondary antibody at 2 µg/mL. The nuclear stain is DAPI (blue).

Negative control: Unimmunized goat IgG (10 µg/mL) followed by Alexa Fluor® 488 secondary antibody (2 µg/mL).

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

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