

Anti-IGFBP3 antibody [EPR18680-153] ab193910

重组 RabMAb

6 References 3 图像

概述

产品名称	Anti-IGFBP3抗体[EPR18680-153]
描述	兔单克隆抗体[EPR18680-153] to IGFBP3
宿主	Rabbit
经测试应用	适用于: WB, IP
种属反应性	与反应: Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Human serum. IP: Human serum.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 0.05% BSA, 40% Glycerol (glycerin, glycerine), PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR18680-153
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab193910 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		1/1000. Detects a band of approximately 32 kDa (predicted molecular weight: 32 kDa).
IP		1/70.

靶标

功能

IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors.

组织特异性

Expressed by most tissues. Present in plasma.

序列相似性

Contains 1 IGFBP N-terminal domain.
Contains 1 thyroglobulin type-1 domain.

发展阶段

IGFBP3 levels are higher during extrauterine life and peak during puberty.

结构域

The thyroglobulin type-1 domain mediates interaction with HN.

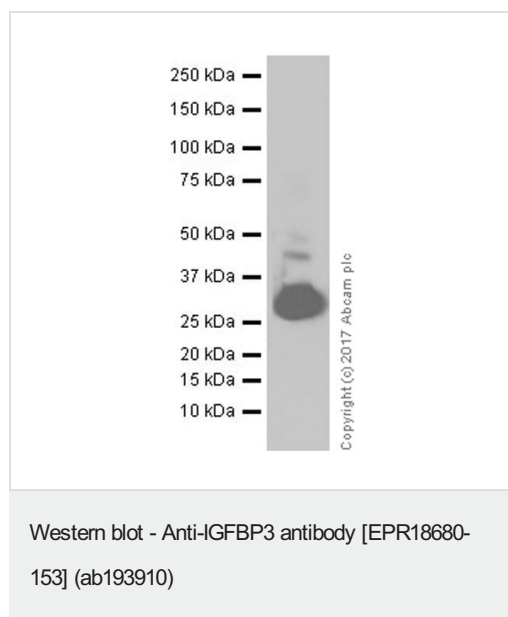
翻译后修饰

Phosphorylation sites are present in the extracellular medium.

细胞定位

Secreted.

图片



Anti-IGFBP3 antibody [EPR18680-153] (ab193910) at 1/1000 dilution + Human serum at 10 µg

Secondary

VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) at 1/2000 dilution

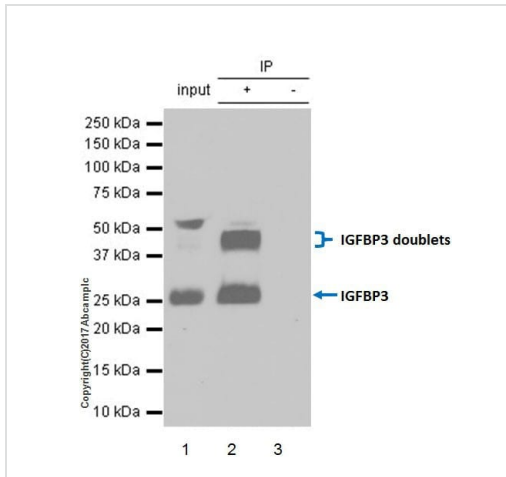
Developed using the ECL technique.

Predicted band size: 32 kDa

Observed band size: 32 kDa

Exposure time: 10 seconds

Blocking and dilution buffer: 5% NFDM/TBST.



Immunoprecipitation - Anti-IGFBP3 antibody
[EPR18680-153] (ab193910)

IGFBP3 was immunoprecipitated from 0.35 mg of human serum with ab193910 at 1/70 dilution. Western blot was performed from the immunoprecipitate using ab193910 at 1/500 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)), was used for detection at 1/1000 dilution.

Lane 1: Human serum 10 µg (Input).

Lane 2: ab193910 IP in human serum.

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab193910 in human serum.

Blocking and dilution buffer and concentration: 5% NFDN/TBST.

Exposure time: 3 seconds.

The bands at 41 kDa and 44 kDa have previously been documented as IGFBP3 doublets (PMID:16816363).

Why choose a recombinant antibody?

- Research with confidence**
Consistent and reproducible results
- Long-term and scalable supply**
Recombinant technology
- Success from the first experiment**
Confirmed specificity
- Ethical standards compliant**
Animal-free production

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

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