

Anti-IGFBP3 antibody [EPR18680-153] - BSA and Azide free ab224530

 **RabMAb**

1 References **3 图像**

概述

产品名称	Anti-IGFBP3抗体[EPR18680-153] - BSA and Azide free
描述	兔单克隆抗体[EPR18680-153] to IGFBP3 - BSA and Azide free
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.
常规说明	<p>ab224530 is the carrier-free version of ab193910.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
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ab224530于以下的经测试应用

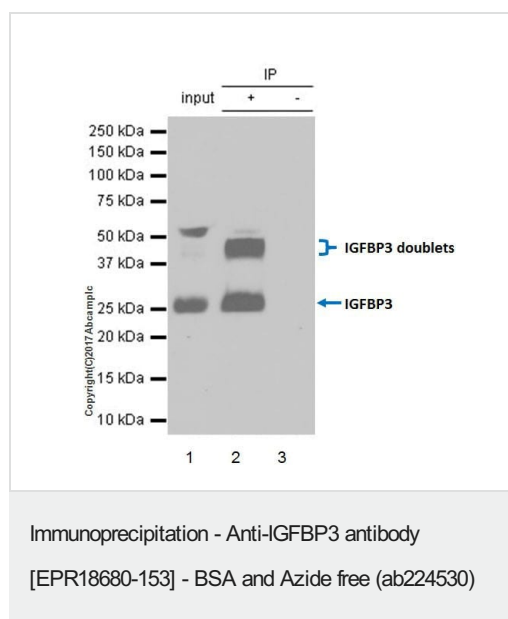
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Detects a band of approximately 32 kDa (predicted molecular weight: 32 kDa).
IP		Use at an assay dependent concentration.

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



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.

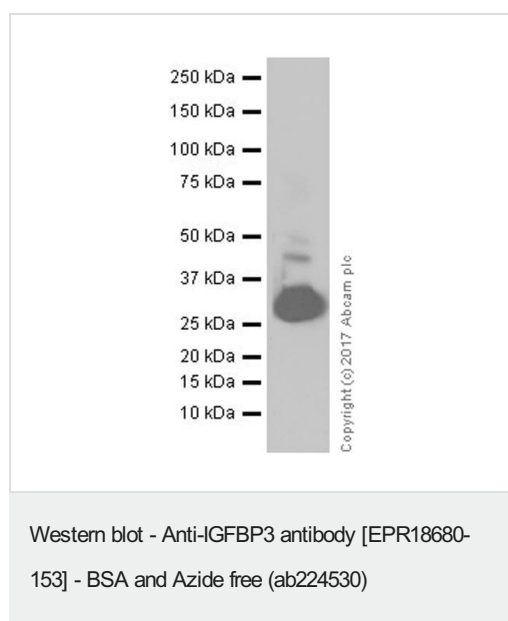
Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of **ab193910** in human serum.

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

Exposure time: 3 seconds.

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

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab193910**).



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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab193910**).

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

Anti-IGFBP3 antibody [EPR18680-153] - BSA and Azide free (ab224530)

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

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