abcam

Product datasheet

Anti-FBP1 + FBP2 antibody [EPR4619] ab109020

重组 RabMAb

12 References 9 图像

概述

产品名称	Anti-FBP1 + FBP2抗体[EPR4619]
描述	兔单克隆抗体[EPR4619] to FBP1 + FBP2
宿主	Rabbit
经测试应用	**适用于:** WB, IHC-P **不适用于:** ICC/IF
种属反应性	**与反应:** Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HL60 lysate treated with vitamin D3, MCF7 and Human fetal liver lysates; Human kidney and liver tissues.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 0.05% BSA, 59% PBS
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR4619
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab109020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。

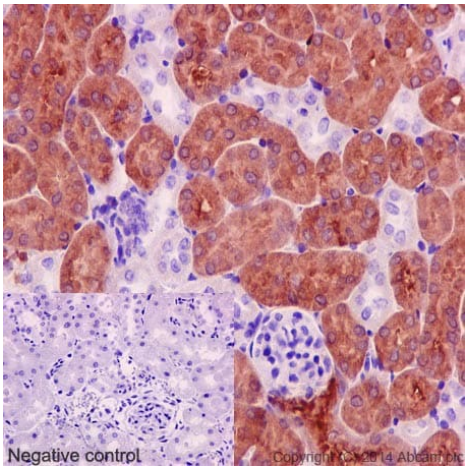
应用	Ab评论	说明
WB		1/1000 - 1/10000. Predicted molecular weight: 37 kDa.
IHC-P		1/50 - 1/100. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Heat up to 98 &degC, below boiling, and then let cool for 10-20 min.

应用说明 Is unsuitable for ICC/IF.

靶标

细胞定位 FBP2: Cell junction. Cytoplasm. Nucleus. Cytoplasm, myofibril, sarcomere, Z line. In neonatal cardiomyocytes, distributed throughout the cytosol, accumulating in the intercalated disks which occur at the Z line of cardiomyocytes and connect adjacent cells, and also located in the nucleus; dissociates from the Z line following an increase in cytosolic Ca(2+) concentration (By similarity). In muscle precursor cells, localizes predominantly to the nucleus and to a lesser extent to the cytoplasm at the proliferative phase, while mainly localizing to the cytoplasm at the differentiation phase (By similarity). Colocalizes with ALDOA and alpha-actinin on both sides of the Z line of skeletal muscle; dissociates rapidly from the Z line following an increase in cytosolic Ca(2+) concentration.

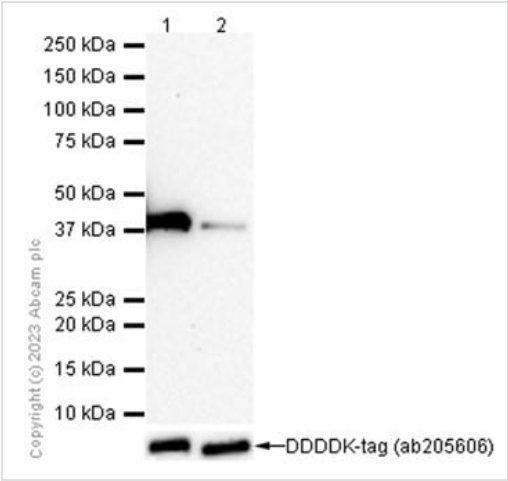
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FBP1 + FBP2 antibody [EPR4619] (ab109020)

ab109020 at 1:500 staining Anti-FBP1 + FBP2 antibody in mouse kidney tissue by immunohistochemistry (FFPE). Immunohistochemical analysis of paraffin-embedded mouse kidney tissue labeling FBP1 with ab109020 at 1/500 dilution followed by Goat Anti-Rabbit IgG H&L (HRP). Counter stained with hematoxylin.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Western blot - Anti-FBP1 + FBP2 antibody [EPR4619] (ab109020)

All lanes : Anti-FBP1 + FBP2 antibody [EPR4619] (ab109020) at 1/10000 dilution

Lane 1 : C-Myc/DDK-tagged human FBP1 full length recombinant protein
Lane 2 : C-Myc/DDK-tagged human FBP2 full length recombinant protein

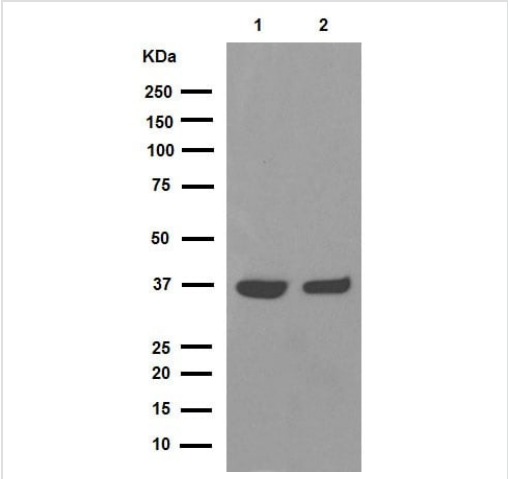
Lysates/proteins at 0.01 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 37 kDa
Observed band size: 37 kDa

Exposure time: 180 seconds

Blocking/Diluting buffer and concentration: 5% NFDM/TBST



Western blot - Anti-FBP1 + FBP2 antibody [EPR4619] (ab109020)

All lanes : Anti-FBP1 + FBP2 antibody [EPR4619] (ab109020) at 1/10000 dilution (purified)

Lane 1 : Mouse liver
Lane 2 : Rat liver

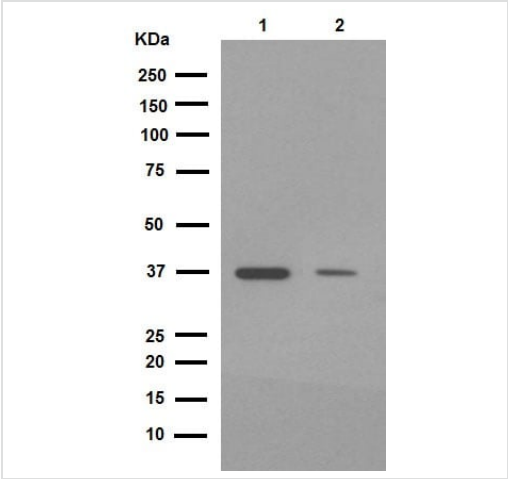
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 37 kDa
Observed band size: 37 kDa

Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Western blot - Anti-FBP1 + FBP2 antibody [EPR4619] (ab109020)

All lanes : Anti-FBP1 + FBP2 antibody [EPR4619] (ab109020) at 1/2000 dilution (purified)

Lane 1 : MCF7 cell lysate

Lane 2 : HL-60 cell lysate treated with vitamin D3

Lysates/proteins at 20 µg per lane.

Secondary

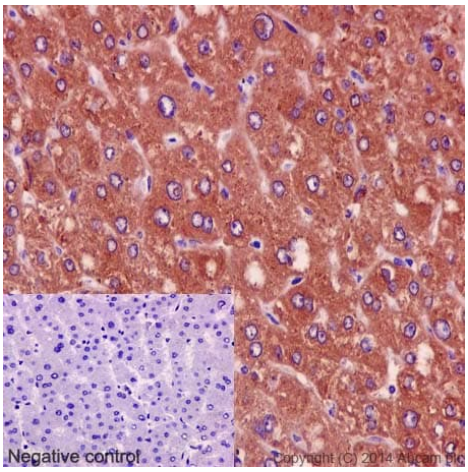
All lanes : HRP goat anti-rabbit (H+L) at 1/2000 dilution

Predicted band size: 37 kDa

Observed band size: 37 kDa

Blocking buffer: 5% NFDM/TBST

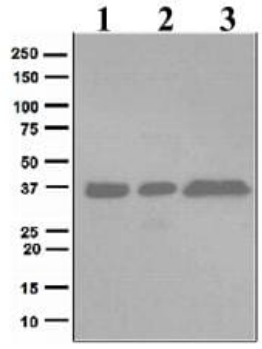
Dilution buffer: 5% NFDM/TBST



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FBP1 + FBP2 antibody [EPR4619] (ab109020)

ab109020 at 1:500 staining Anti-FBP1 + FBP2 antibody in human liver tissue by immunohistochemistry (FFPE). Immunohistochemical analysis of paraffin-embedded human liver tissue labeling FBP1 with ab109020 at 1/500 dilution followed by Goat Anti-Rabbit IgG H&L (HRP). Counter stained with hematoxylin.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Western blot - Anti-FBP1 + FBP2 antibody [EPR4619] (ab109020)

All lanes : Anti-FBP1 + FBP2 antibody [EPR4619] (ab109020) at 1/1000 dilution (unpurified)

Lane 1 : MCF7 cell lysate

Lane 2 : Human fetal liver tissue lysate

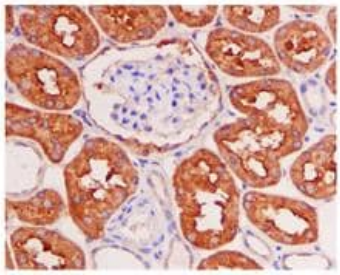
Lane 3 : HL60 cell lysate, treated with vitamin D3

Lysates/proteins at 10 µg per lane.

Predicted band size: 37 kDa

Blocking buffer: 5% NFDM/TBST

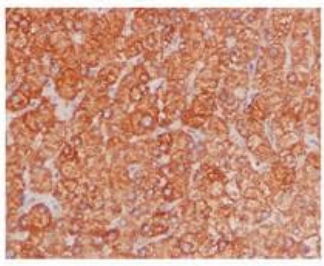
Dilution buffer: 5% NFDM/TBST



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FBP1 + FBP2 antibody [EPR4619] (ab109020)

Unpurified ab109020 at 1/50 dilution staining FBP1 + FBP2 in Human Kidney by immunohistochemistry, paraffin-embedded tissue.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FBP1 + FBP2 antibody [EPR4619] (ab109020)

Unpurified ab109020 at 1/50 dilution staining FBP1 + FBP2 in Human liver by immunohistochemistry, paraffin-embedded tissue.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Anti-FBP1 + FBP2 antibody [EPR4619] (ab109020)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors