

Anti-FBP1 + FBP2 antibody [EPR4619] - BSA and Azide free ab247749

リコンビナント RabMAb

画像数 9

製品の概要

製品名	Anti-FBP1 + FBP2 antibody [EPR4619] - BSA and Azide free
製品の詳細	Rabbit monoclonal [EPR4619] to FBP1 + FBP2 - BSA and Azide free
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P 適用なし: ICC/IF
種交差性	交差種: Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
特記事項	<p>ab247749 is the carrier-free version of ab109020.</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>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C. Do Not Freeze.
バッファー	pH: 7.2 Constituent: PBS
キャリア・フリー	はい
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR4619
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab247749の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

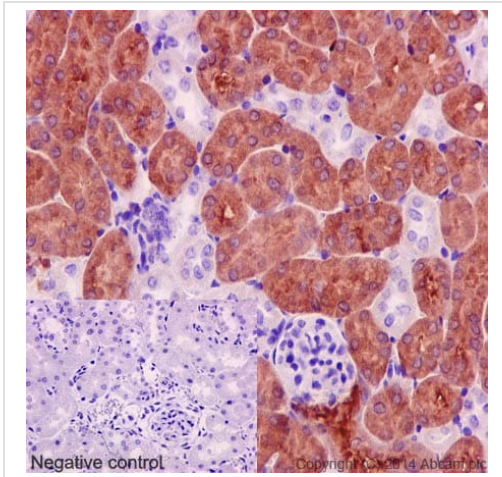
アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Predicted molecular weight: 37 kDa.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. For antigen retrieval, heat up to 98 degree C, below boiling, and then let cool for 10-20 minutes.

追加情報 Is unsuitable for ICC/IF.

ターゲット情報

細胞内局在 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.

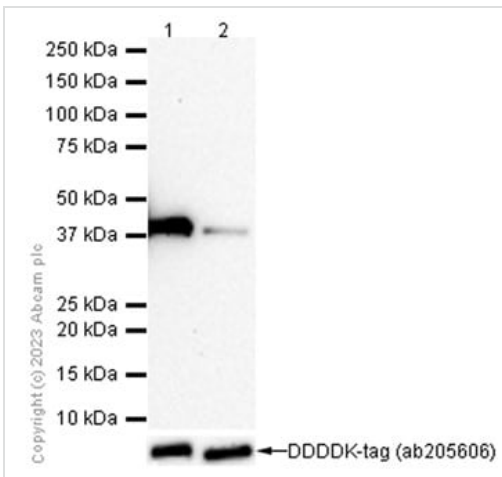
画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FBP1 + FBP2 antibody [EPR4619] - BSA and Azide free (ab247749)

This data was developed using **ab109020**, the same antibody clone in a different buffer formulation.

ab109020 at 1:500 staining Anti-FBP1 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] - BSA and Azide free (ab247749)

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

Secondary

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

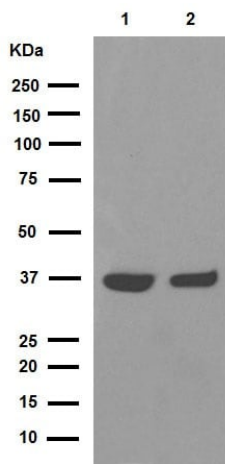
Predicted band size: 37 kDa

Observed band size: 37 kDa

Exposure time: 180 seconds

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

This data was developed using **ab109020**, the same antibody clone in a different buffer formulation.



Western blot - Anti-FBP1 + FBP2 antibody [EPR4619] - BSA and Azide free (ab247749)

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

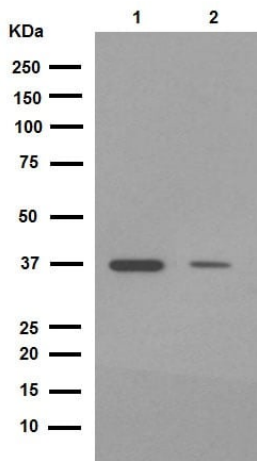
All lanes : HRP goat anti-rabbit (H+L) at 1/1000 dilution

Predicted band size: 37 kDa

Observed band size: 37 kDa

This data was developed using **ab109020**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDm/TBST.



Western blot - Anti-FBP1 + FBP2 antibody [EPR4619] - BSA and Azide free (ab247749)

Anti-FBP1 + FBP2 antibody [EPR4619] (**ab109020**) at 1/2000 dilution (purified) + MCF7 cell lysate at 20 µg

Secondary

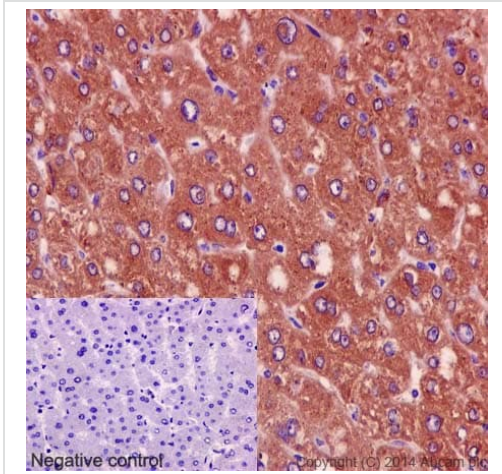
HRP goat anti-rabbit (H+L) at 1/2000 dilution

Predicted band size: 37 kDa

Observed band size: 37 kDa

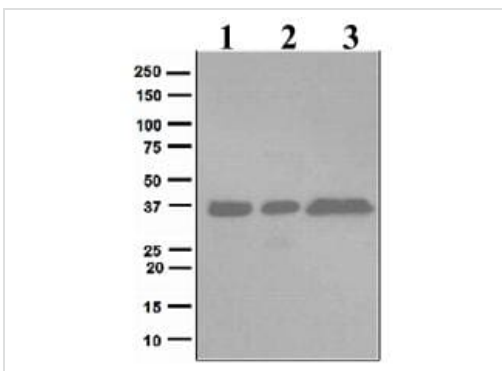
This data was developed using **ab109020**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDm/TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FBP1 + FBP2 antibody [EPR4619] - BSA and Azide free (ab247749)

This data was developed using **ab109020**, the same antibody clone in a different buffer formulation. **ab109020** at 1:500 staining Anti-FBP1 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] - BSA and Azide free (ab247749)

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

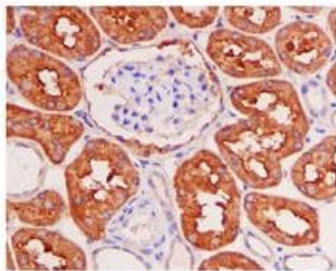
Lane 3 : HL60 cell lysate, treated with vitamin D3

Lysates/proteins at 10 µg per lane.

Predicted band size: 37 kDa

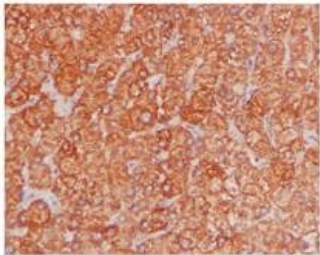
This data was developed using **ab109020**, the same antibody clone in a different buffer formulation.

Blocking and dilution buffer: 5% NFDm/TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FBP1 + FBP2 antibody [EPR4619] - BSA and Azide free (ab247749)

This data was developed using [ab109020](#), the same antibody clone in a different buffer formulation. Unpurified [ab109020](#) at 1/50 dilution staining FBP1 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] - BSA and Azide free (ab247749)

This data was developed using [ab109020](#), the same antibody clone in a different buffer formulation. Unpurified [ab109020](#) at 1/50 dilution staining FBP1 in Human liver by immunohistochemistry, paraffin-embedded tissue. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

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-FBP1 + FBP2 antibody [EPR4619] - BSA and Azide free (ab247749)

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.co.jp/abpromise> or contact our technical team.

Terms and conditions

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