


Anti-FBP1 antibody ab196556

[1 References](#) [2 Images](#)

Overview

Product name	Anti-FBP1 antibody
Description	Rabbit polyclonal to FBP1
Host species	Rabbit
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat 
Immunogen	Recombinant full length protein corresponding to Human FBP1. Database link: P09467
General notes	<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>

Properties

Form	Liquid
Storage instructions	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.
Storage buffer	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: 49% PBS, 0.87% Sodium chloride, 50% Glycerol (glycerin, glycerine)</p> <p>PBS is without Mg²⁺ and Ca²⁺</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab196556 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 37 kDa.
ICC/IF		1/50 - 1/200.

Target

Pathway

Carbohydrate biosynthesis; gluconeogenesis.

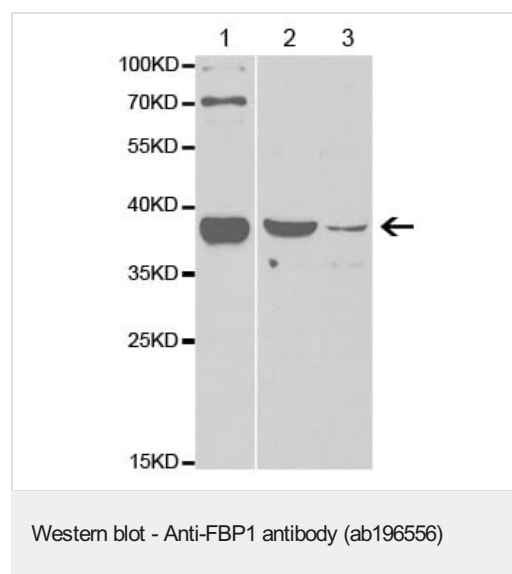
Involvement in disease

Defects in FBP1 are the cause of fructose-1,6-bisphosphatase deficiency (FBPD) [MIM:229700]. FBPD is inherited as an autosomal recessive disorder mainly in the liver and causes life-threatening episodes of hypoglycemia and metabolic acidosis (lactacidemia) in newborn infants or young children.

Sequence similarities

Belongs to the FBPase class 1 family.

Images



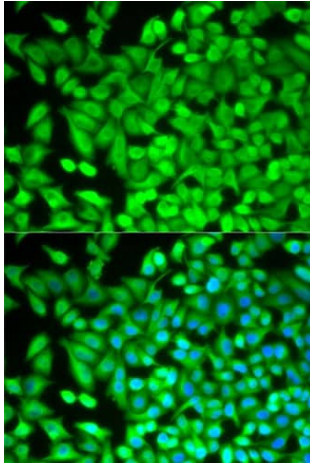
All lanes : Anti-FBP1 antibody (ab196556) at 1/500 dilution

Lane 1 : THP1 cell extract

Lane 2 : Mouse kidney extract

Lane 3 : Mouse liver extract

Predicted band size: 37 kDa



Immunofluorescence analysis of MCF7 cells, labeling FBP1 (green) with ab196556 at 1/50 dilution. Lower panel shows DAPI for nuclear staining (blue).

Immunocytochemistry/ Immunofluorescence - Anti-FBP1 antibody (ab196556)

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.com/abpromise> or contact our technical team.

Terms and conditions

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