

Datasheet for ABIN752053  
**anti-FBP1 antibody (AA 31-130)**

## 4 Images

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## Overview

Quantity:	100 µL
Target:	FBP1
Binding Specificity:	AA 31-130
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human FBP1
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Sheep,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	FBP1
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## Target Details

Alternative Name:	FBP1 ( <a href="#">FBP1 Products</a> )
Background:	<p>Synonyms: FBP, Fructose-1,6-bisphosphatase 1, FBPase 1, D-fructose-1,6-bisphosphate 1-phosphohydrolase 1, Liver FBPase, FBP1</p> <p>Background: Catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate in the presence of divalent cations, acting as a rate-limiting enzyme in gluconeogenesis. Plays a role in regulating glucose sensing and insulin secretion of pancreatic beta-cells. Appears to modulate glycerol gluconeogenesis in liver. Important regulator of appetite and adiposity, increased expression of the protein in liver after nutrient excess increases circulating satiety hormones and reduces appetite-stimulating neuropeptides and thus seems to provide a feedback mechanism to limit weight gain.</p>
Gene ID:	2203
UniProt:	<a href="#">P09467</a>
Pathways:	<a href="#">Cellular Glucan Metabolic Process</a> , <a href="#">Regulation of Carbohydrate Metabolic Process</a> , <a href="#">Dicarboxylic Acid Transport</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

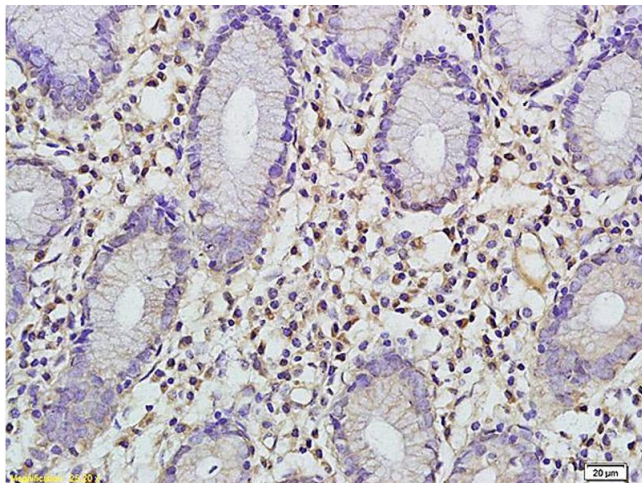
## Handling

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

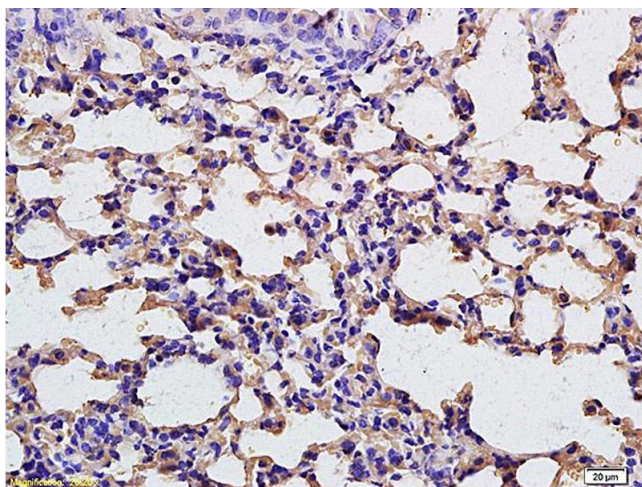
Expiry Date: 12 months

## Images



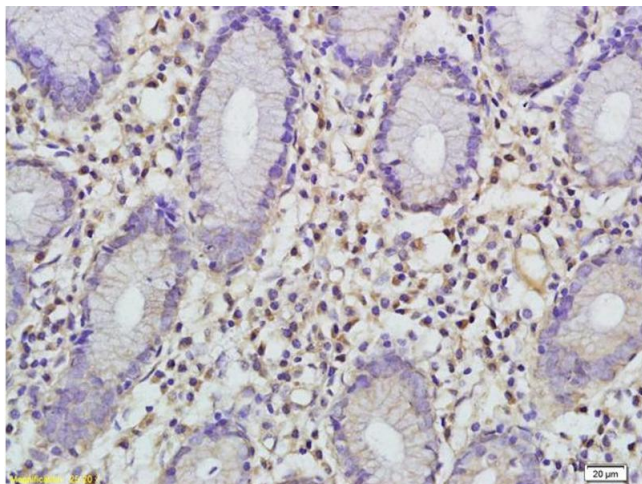
### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat lung tissue labeled with Anti-FBP1 Polyclonal Antibody, Unconjugated (ABIN752053) at 1:200 followed by conjugation to the secondary antibody



### Immunohistochemistry

**Image 2.** Formalin-fixed and paraffin embedded rat lung tissue labeled with Anti-FBP1 Polyclonal Antibody, unconjugated (ABIN752053) at 1:200 followed by incubation with conjugated secondary antibody



### Immunohistochemistry

**Image 3.** Formalin-fixed and paraffin embedded human gastric carcinoma labeled with Anti-FBP1 Polyclonal Antibody, Unconjugated (ABIN752053) at 1:200 followed by conjugation to the secondary antibody

## Images

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Please check the [product details page](#) for more images. Overall 4 images are available for ABIN752053.