Leader in Biomolecular Solutions for Life Science



Catalog No.: A5406 3 Publications



### **Basic Information**

Observed MW 38kDa

Calculated MW 37kDa

**Category** Primary antibody

Applications WB,IF/ICC,ELISA

Cross-Reactivity Human, Mouse, Rat

### Background

Fructose-1,6-bisphosphatase 1, a gluconeogenesis regulatory enzyme, catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate. Fructose-1,6-diphosphatase deficiency is associated with hypoglycemia and metabolic acidosis.

### **Recommended Dilutions**

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## **Immunogen Information**

**Gene ID** 2203

Swiss Prot P09467

#### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms FBP; FBP1

### Contact

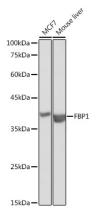
2	400-999-6126
$\mathbf{X}$	cn.market@abclonal.com.cn
€	www.abclonal.com.cn

# **Product Information**

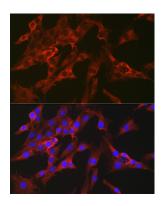
**Source** Rabbit **lsotype** IgG Purification Affinity purification

### Storage

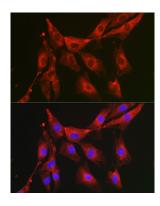
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



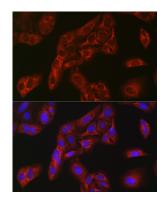
Western blot analysis of various lysates using FBP1 Rabbit pAb (A5406) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunofluorescence analysis of C6 cells using FBP1 Rabbit pAb (A5406) at dilution of 1:100 (40x lens). Secondary antibody: Cy3conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using FBP1 Rabbit pAb (A5406) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using FBP1 Rabbit pAb (A5406) at dilution of 1:100 (40x lens). Secondary antibody: Cy3conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.