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FBP1 Rabbit pAb

Catalog No.: A5406 3 Publications

Basic Information

Observed MW
38kDa

Calculated MW
37kDa

Category
Primary antibody

Applications
ELISA,WB,IF/ICC

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

Immunogen Information

Gene ID
2203

Swiss Prot
P09467

Immunogen
A synthetic peptide corresponding to a sequence within amino acids 50-150 of human FBP1 (NP_000498.2).

Synonyms
FBP; FBP1

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

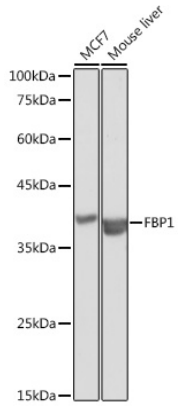
Source
Rabbit

Isotype
IgG

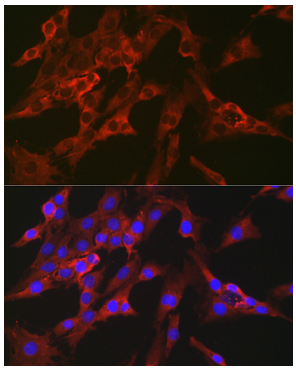
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

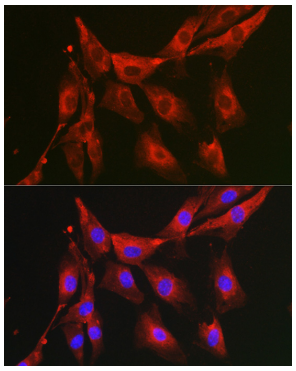
Validation Data



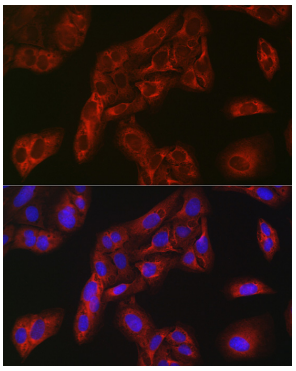
Western blot analysis of extracts of various cell lines, using FBP1 antibody (A5406) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure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



Immunofluorescence analysis of C6 cells using FBP1 Rabbit pAb (A5406) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH-3T3 cells using FBP1 Rabbit pAb (A5406) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using FBP1 Rabbit pAb (A5406) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.