

FBP2 Recombinant antibody

Cat: B36301S

Company: HaoKebio

Uniprot ID: O00757

Applications: IHC:1:300-1:1200

Organism: Rabbit

IHC-Polymer:1:1200-1:5000

Species reactivity: Human Mouse Rat

IHC-TSA:1:1500-1:6000

Molecular Weight Calculation: 339 aa, 37 kDa

IF:1:50

Observed Molecular Weight: 37 kDa

WB:1:5000-1:50000

Background:

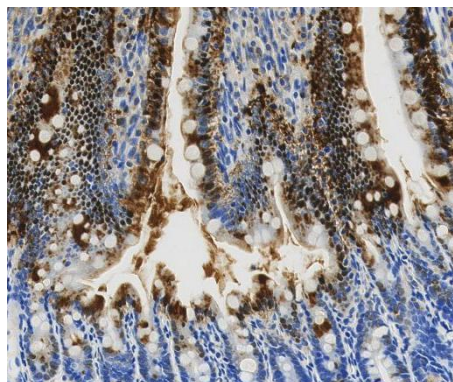
Store at -20 °C for one year.

FBP2, also named muscle FBP, belongs to the FBPase class 1 family. FBP2 is a ubiquitously expressed enzyme of glycogen synthesis from non-carbohydrates, e.g., lactate (glyconeogenesis). However, it also plays a variety of non-enzymatic functions. FBP2 is involved in the regulation of hypoxia-inducible factor 1 (Hif1) stability, cell cycle-dependent events, biogenesis of mitochondria, and protection of the organelles against high reactive oxygen species (ROS)- and high Ca²⁺-induced stress. The calculated molecular weight of FBP2 is 37 kDa.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse intestine, 4% PFA 12-24h

Synonyms:

Muscle FBPase, Fructose-1,6-bisphosphatase isozyme 2, FBPase 2, EC:3.1.3.11, D-fructose-1,6-bisphosphate 1-phosphohydrolase 2

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

Storage:

Source of Reagents:

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发表[英文论文]请标注:FBP2(B36301S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.