

A8895

Leader in Biomolecular Solutions for Life Science



## FABPI Rabbit mAb

Catalog No.: A8895

Recombinant

### Basic Information

#### Observed MW

14kDa

#### Calculated MW

15kDa

#### Category

SMab Recombinant Monoclonal  
Antibody

#### Applications

WB,IHC-P,IF/ICC,ELISA

#### Cross-Reactivity

Mouse,Rat

#### CloneNo number

ARC1343

### Recommended Dilutions

**WB** 1:1000 - 1:2000

**IHC-P** 1:100 - 1:1000

**IF/ICC** 1:100 - 1:1000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Background

The protein encoded by this gene is an intracellular fatty acid-binding protein that participates in the uptake, intracellular metabolism, and transport of long-chain fatty acids. The encoded protein is also involved in the modulation of cell growth and proliferation. This protein binds saturated long-chain fatty acids with high affinity, and may act as a lipid sensor to maintain energy homeostasis.

### Immunogen Information

#### Gene ID

2169

#### Swiss Prot

P12104

#### Immunogen

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

#### Synonyms

FABPI; I-FABP

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

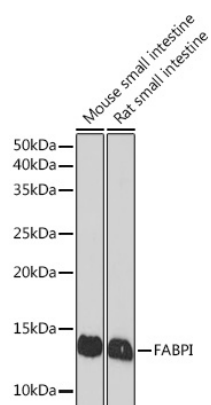
Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of various lysates using FABPI Rabbit mAb (A8895) at 1:1000 dilution.

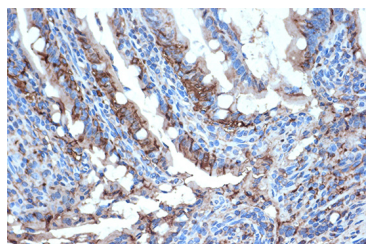
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

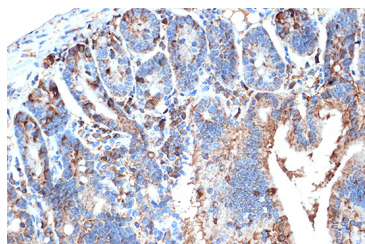
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

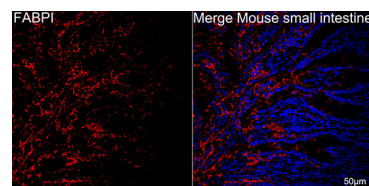
Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Rat intestine using FABPI Rabbit mAb (A8895) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse intestine using FABPI Rabbit mAb (A8895) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of paraffin-embedded mouse small intestine using FABPI Rabbit mAb (A8895, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01M citrate buffer (pH 6.0) prior to IF staining.