

A8789

Leader in Biomolecular Solutions for Life Science



FABP3 Rabbit mAb

Catalog No.: A8789

Recombinant

Basic Information

Observed MW

14kDa

Calculated MW

15kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Mouse,Rat

CloneNo number

ARC1302

Background

The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is a candidate tumor suppressor gene for human breast cancer. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:500 - 1:1000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

2170

Swiss Prot

P05413

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human FABP3 (P05413).

Synonyms

MDGI; FABP11; H-FABP; M-FABP; O-FABP; FABP3

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

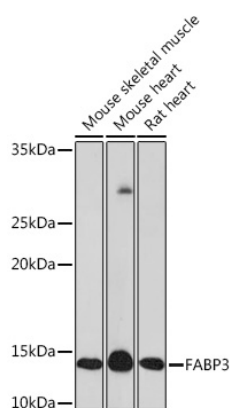
Affinity purification

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 extracts of various cell lines, using FABP3 Rabbit mAb (A8789) at 1:1000 dilution.

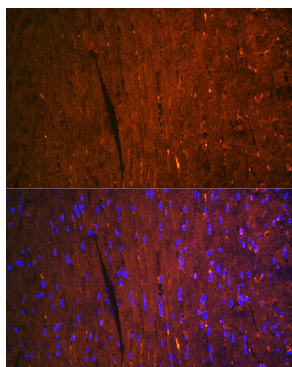
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 3min.



Immunofluorescence analysis of mouse heart using FABP3 Rabbit mAb (A8789) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.