

FABP4 Rabbit mAb

Catalog No.: A25792 **Recombinant**

Basic Information

Observed MW

15kDa

Calculated MW

15kDa

Category

Primary antibody

Applications

ELISA, WB, IF/ICC

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC66758

Background

FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism.

Recommended Dilutions

WB 1:1000 - 1:5000

IF/ICC 1:50 - 1:200

Immunogen Information

Gene ID

2167

Swiss Prot

P15090

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 2-132 of human FABP4 (NP_001433.1).

Synonyms

aP2; ALBP; AFABP; A-FABP; HEL-S-104; FABP4

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

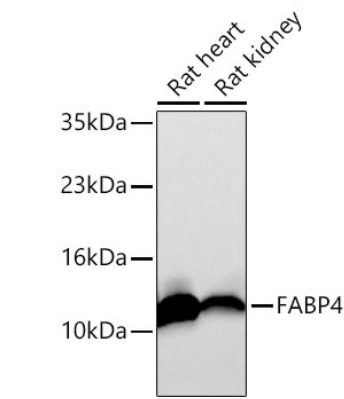
Affinity purification

Storage

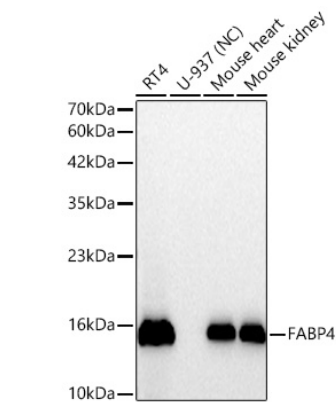
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

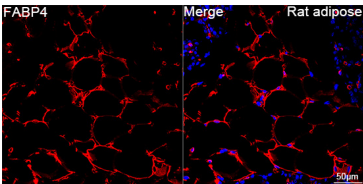
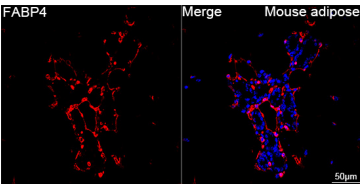
Validation Data



Western blot analysis of various lysates using FABP4 Rabbit mAb (A25792) at 1:3000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020)
Exposure time: 45 s.



Western blot analysis of various lysates using FABP4 Rabbit mAb (A25792) at 1:3000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020)
Negative control (NC): U-937
Exposure time: 10 s.



Confocal imaging of paraffin-embedded Mouse adipose tissue using FABP4 Rabbit mAb (A25792, 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). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining. Objective: 40x.

Confocal imaging of paraffin-embedded Rat adipose tissue using FABP4 Rabbit mAb (A25792, 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). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IF staining. Objective: 40x.