

FABP4 Rabbit mAb

Catalog No.: A25792 **Recombinant**

Basic Information

Observed MW

15kDa

Calculated MW

15kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IF/ICC,ELISA

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 | 1:17000 - 1:70000 |
| IF/ICC | 1:200 - 1:800 |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |

Immunogen Information

Gene ID

2167

Swiss Prot

P15090

Immunogen

Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms

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

Contact

 www.abclonal.com

Product Information

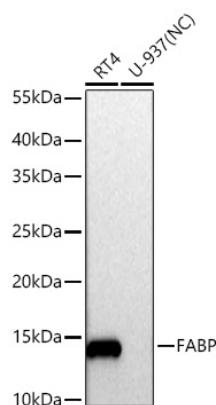
| Source | Isotype | Purification |
|--------|---------|-----------------------|
| Rabbit | IgG | Affinity purification |

Storage

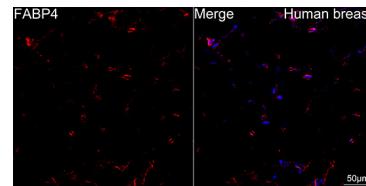
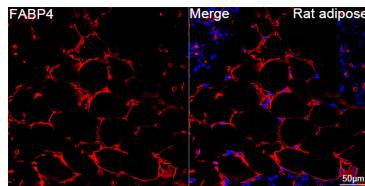
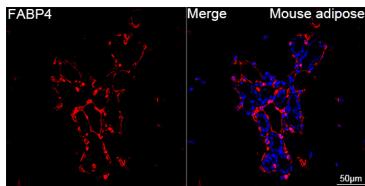
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



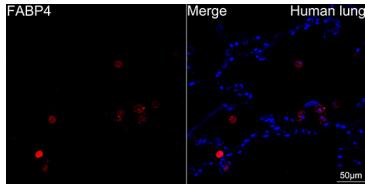
Western blot analysis of various lysates using FABP4 Rabbit mAb (A25792) at 1:35000 dilution incubated at room temperature for 1.5 hours. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Negative control (NC): U-937. Exposure time: 10s.



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.

Confocal imaging of paraffin-embedded Human breast 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 Human lung 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.

Validation Data

staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.