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# FABP1 Rabbit mAb

## Catalog No.: A11213

Recombinant | 1 Publications

## Basic Information

**Observed MW**
14kDa

**Calculated MW**
14kDa

**Category**
Monoclonal Antibodies

**Applications**
WB, IF/ICC, IF-P, ELISA

**Cross Reactivity**
Human, Mouse, Rat

**Clone No.**
ARC0545

## Background

This gene encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. This protein and FABP6 (the ileal fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:1000 - 1:6000 |
| **IF/ICC** | 1:100 - 1:400 |

**IF-P**
1:100 - 1:400 (Rat);1:400 - 1:1600 (Human)

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

## Immunogen Information

**Gene ID**
2168

**Swiss-Prot**
P07148

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

**Synonyms**
FABPL; L-FABP; FABP1

## Contact


400-999-6126
cn.market@abclonal.com.cn
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## Product Information

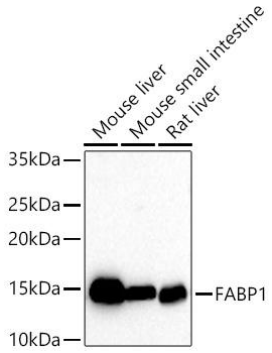
**Source**
Rabbit

**Isotype**
IgG

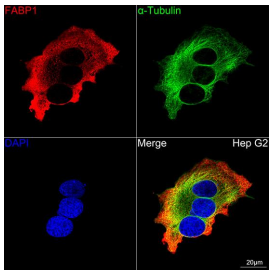
**Purity**
Affinity purification

**Storage**
Store at -20℃

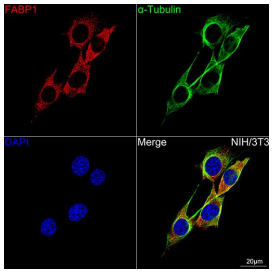
## Validation Data



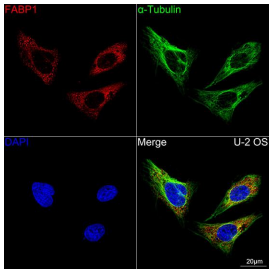

Western blot analysis of various lysates using FABP1 Rabbit mAb (A11213) at 1:1000 dilution incubated at room temperature for 1.5 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



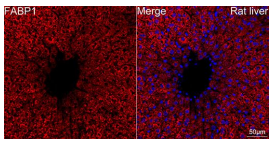

Confocal imaging of Hep G2 cells using FABP1 Rabbit mAb (A11213, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



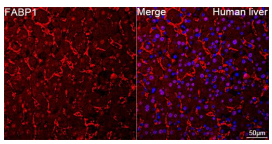

Confocal imaging of NIH/3T3 cells using FABP1 Rabbit mAb (A11213, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.




Confocal imaging of U-2 OS cells using FABP1 Rabbit mAb (A11213, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.




Confocal imaging of paraffin-embedded Rat liver tissue using FABP1 Rabbit mAb (A11213, dilution 1:100) 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 liver tissue using FABP1 Rabbit mAb (A11213, dilution 1:400) followed by a further incubation with Cy3-conjugated 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.



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