

**FABP1 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10979****Specification**

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**FABP1 Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">P07148</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Isotype           | Rabbit IgG             |
| Calculated MW     | 14208                  |

**FABP1 Antibody - Additional Information****Gene ID** 2168

|                     |  |
|---------------------|--|
| Positive Control    | rh-FABP1   |
| Application & Usage | The antibody can be used in Western Blot analysis (0.5-4 µg/ml). Recombinant human FABP-1 can be used as a positive control. |

**Other Names**

Fatty acid-binding protein liver, Fatty acid-binding protein 1, Liver-type fatty acid-binding protein, FABP-1, FABP1

**Target/Specificity**

FABP1

**Antibody Form**

Liquid

**Appearance**

Colorless liquid

**Formulation**

200 µg (0.5 mg/ml) affinity purified rabbit anti-human FABP-1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

**Handling**

The antibody solution should be gently mixed before use.

**Reconstitution & Storage**

-20 °C

**Background Descriptions****Precautions**

FABP1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## FABP1 Antibody - Protein Information

**Name** FABP1

**Synonyms** FABPL

### Function

Plays a role in lipoprotein-mediated cholesterol uptake in hepatocytes (PubMed:<a href="http://www.uniprot.org/citations/25732850" target="\_blank">25732850</a>). Binds cholesterol (PubMed:<a href="http://www.uniprot.org/citations/25732850" target="\_blank">25732850</a>). Binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm. May be involved in intracellular lipid transport (By similarity).

### Cellular Location

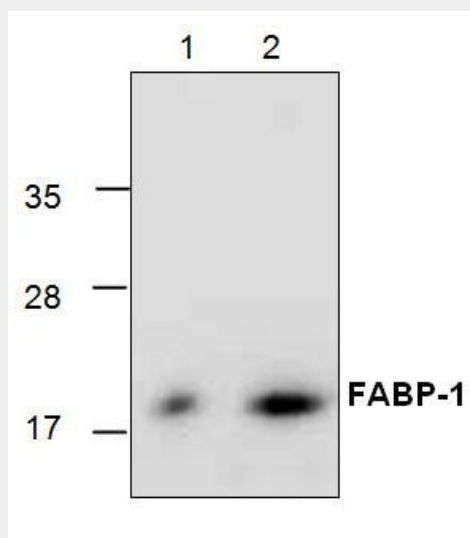
Cytoplasm.

## FABP1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## FABP1 Antibody - Images



Western blot analysis using recombinant human FABP-1. Lane 1: 50 ng Lane2: 100 ng

**FABP1 Antibody - Background**

Human Fatty Acid Binding Protein-s exhibit high affinity for small lipophilic ligands. Studies suggest that FABPs are involved in the uptake and metabolism of fatty acids, maintenance of cellular membrane fatty acids levels, intracellular trafficking, modulation of specific enzymes of lipid metabolic pathways, as well as in the modulation of cell growth and differentiation.