

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

FABP1 Antibody - Product Information

Application	WB
Primary Accession	P07148
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:25732850). Binds cholesterol (PubMed:25732850). 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

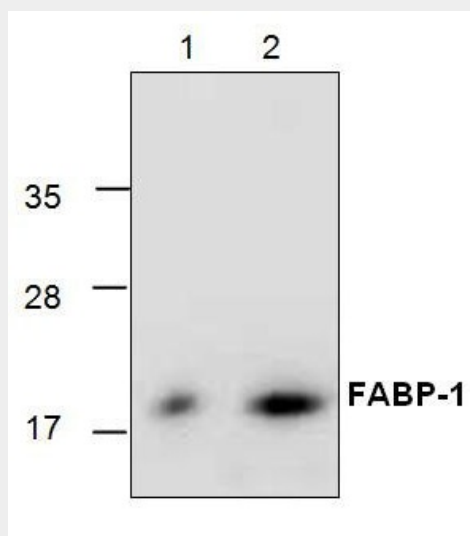
Cytoplasm.

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 Lane 2: 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.