

### **FABP3 Antibody**

Rabbit Polyclonal Antibody Catalog # ABV10980

## **Specification**

### **FABP3 Antibody - Product Information**

Application WB
Primary Accession P07148
Reactivity Human
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Calculated MW 14208

# **FABP3 Antibody - Additional Information**

**Gene ID 2168** 

Application & Usage Western blot analysis (0.5-4 μg/ml). Per

researchers feedback, it can also be used in neutralization (3-6  $\mu g/ml).$  However, the optimal conditions should be determined

individually.

**Other Names** 

FABP, FABP-3, FABP 3, Fatty acid-binding protein, mammary-derived growth inhibitor

Target/Specificity

FABP3

**Antibody Form** 

Liquid

**Appearance** 

Colorless liquid

**Formulation** 

 $100~\mu g$  (0.5 mg/ml) affinity purified rabbit anti-human FABP3 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.55 BSA and 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

**Reconstitution & Storage** 

-20 °C

**Background Descriptions** 

### **Precautions**

FABP3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.



### **FABP3 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" 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.

## **FABP3 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 Cytomety
- Cell Culture

## FABP3 Antibody - Images

# FABP3 Antibody - Background

Human Fatty Acid Binding Protein-3 (FABP-3) exhibits high affinity for small lipophilic ligands. Studies s µggest 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.