10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

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 µg/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 µg (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.

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FABP3 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.

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.