

Datasheet for ABIN7239101

**anti-FABP2 antibody**

3 Images

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## Overview

|              |  |
|--------------|--|
| Quantity:    | 200 µL   |
| Target:      | FABP2  |
| Reactivity:  | Human, Rat, Mouse  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This FABP2 antibody is un-conjugated                     |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), ELISA |

## Product Details

|                  |                                  |
|------------------|----------------------------------|
| Immunogen:       | Synthetic peptide of human FABP2 |
| Isotype:         | IgG                              |
| Characteristics: | Polyclonal Antibody              |
| Purification:    | Affinity purification            |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | FABP2  |
| Alternative Name: | FABP2 ( <a href="#">FABP2 Products</a> )   |
| Background:       | The intracellular fatty acid-binding proteins (FABPs) belong to a multigene family with nearly twenty identified members. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. |

## Target Details

They may also be responsible in the modulation of cell growth and proliferation. Intestinal fatty acid-binding protein 2 gene contains four exons and is an abundant cytosolic protein in small intestine epithelial cells. This gene has a polymorphism at codon 54 that identified an alanine-encoding allele and a threonine-encoding allele. Thr-54 protein is associated with increased fat oxidation and insulin resistance.

Molecular Weight: 15 kDa

NCBI Accession: [NP\\_000125](#)

UniProt: [P12104](#)

## Application Details

Application Notes: WB 1:500-1:2000, IHC 1:50-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.8 mg/mL

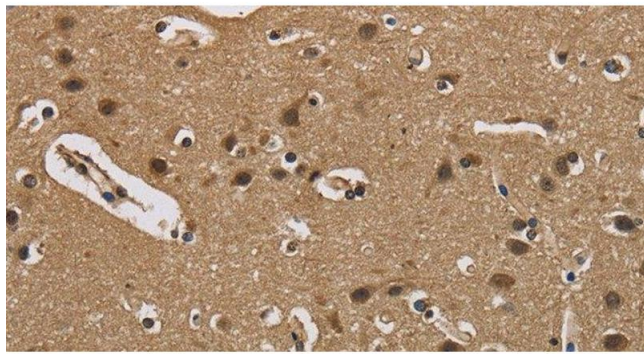
Buffer: PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

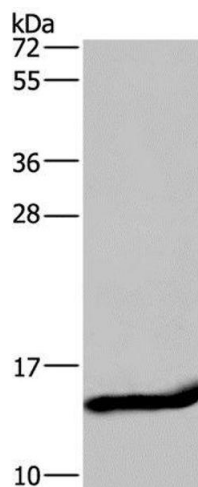
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



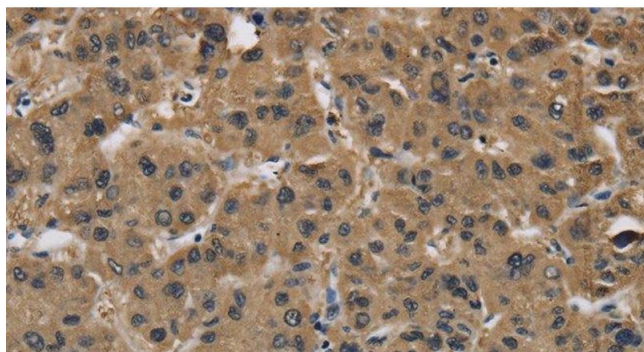
#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of paraffin-embedded Human brain using FABP2 Polyclonal Antibody at dilution of 1:40



#### Western Blotting

**Image 2.** Western Blot analysis of Mouse small intestine tissue using FABP2 Polyclonal Antibody at dilution of 1:650



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Immunohistochemistry of paraffin-embedded Human liver cancer using FABP2 Polyclonal Antibody at dilution of 1:40