

Datasheet for ABIN7259000

anti-FABP2 antibody**2** Images[Go to Product page](#)

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), Immunofluorescence (IF) |

Product Details

| | |
|------------------|--|
| Immunogen: | Recombinant fusion protein of human FABP2 (NP_000125.2). |
| Isotype: | IgG |
| Characteristics: | Polyclonal Antibody |
| Purification: | Affinity purification |

Target Details

| | |
|-------------------|--|
| Target: | FABP2 |
| Alternative Name: | FABP2 (FABP2 Products) |
| 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: Observed_MW: 15 kDa
Calculated_MW: 15 kDa

Gene ID: 2169

UniProt: [P12104](#)

Application Details

Application Notes: WB 1:500-1:2000 IF 1:10-1:100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

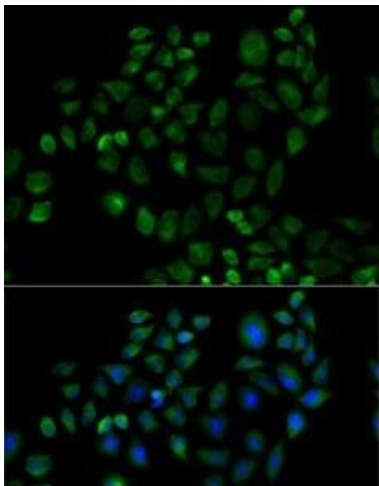
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

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

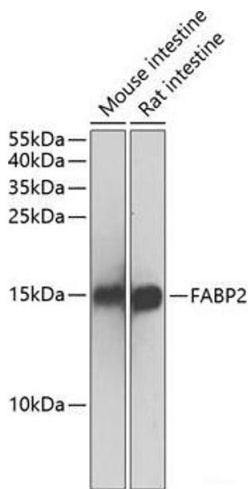
Storage: -20 °C

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



Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells using FABP2 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using FABP2 Polyclonal Antibody at dilution of 1:500.