



Datasheet for ABIN7267151
anti-FABP2 antibody



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	FABP2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This FABP2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	FABPI Rabbit mAb
Immunogen:	A synthesized peptide derived from human FABPI
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Monoclonal Antibodies
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

Target Details

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. 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. [provided by RefSeq, Jul 2008],FABPI, I-FABP,Cancer,Cardiovascular,Cell Biology & Developmental Biology,Endocrine & Metabolism,Lipid Metabolism,Lipids,Lipids_Fatty Acids,Signal Transduction,Stem Cells,FABP2

Molecular Weight: 15kDa

Gene ID: 2169

UniProt: [P12104](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

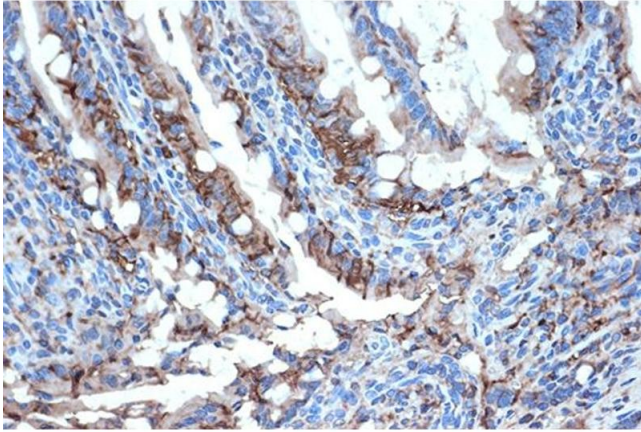
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

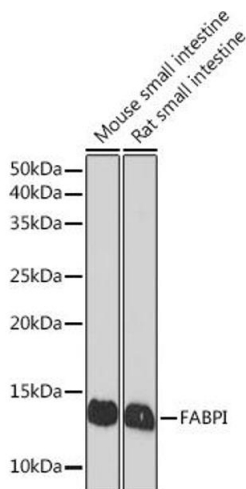
Storage: -20 °C

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



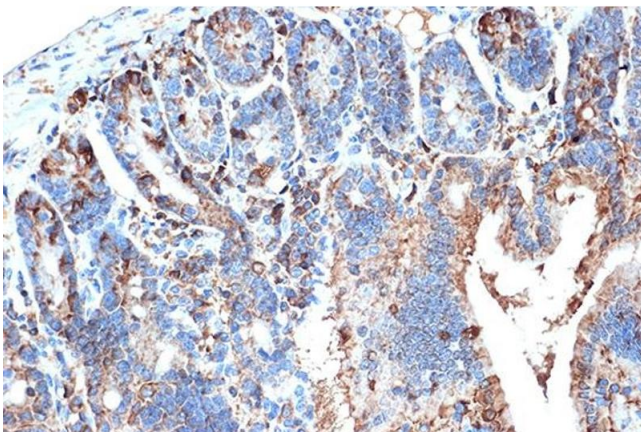
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat intestine using FABPI Rabbit mAb (ABIN7267151) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using FABPI Rabbit mAb (ABIN7267151) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded mouse intestine using FABPI Rabbit mAb (ABIN7267151) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7267151.