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# Datasheet for ABIN7267150 anti-FABP1 antibody

3 Images



## Overview

Quantity:	100 µL
Target:	FABP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This FABP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

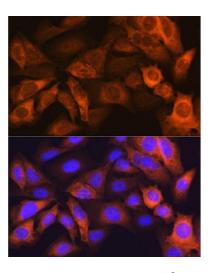
Purpose:	FABP1 Rabbit mAb
Immunogen:	A synthesized peptide derived from human FABP1
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

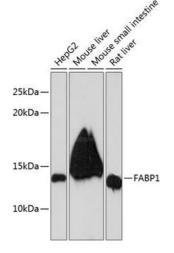
## Target Details

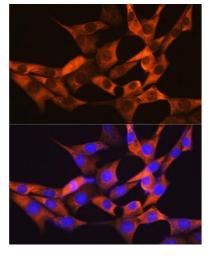
Target:	FABP1
Alternative Name:	FABP1 (FABP1 Products)
Background:	This gene encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a

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	family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. This protein and FABP6 (the ileal fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq, Mar 2011],FABPL, L-FABP,Cancer,Endocrine & Metabolism,Lipid Metabolism,Signal Transduction,FABP1
Molecular Weight:	14kDa
Gene ID:	2168
UniProt:	P07148
Pathways:	Chromatin Binding, Regulation of Lipid Metabolism by PPARalpha
Application Details	
Application Notes:	WB,1:500 - 1:2000,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.







#### Immunofluorescence

**Image 1.** Immunofluorescence analysis of U-2 OS cells using F Rabbit mAb (ABIN7267150) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using F Rabbit mAb (ABIN7267150) 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.

### Immunofluorescence

**Image 3.** Immunofluorescence analysis of NIH-3T3 cells using F Rabbit mAb (ABIN7267150) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

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