

Datasheet for ABIN1512888  
**anti-FABP2 antibody (AA 1-132)**

## 2 Images

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## Overview

Quantity:	100 µg
Target:	FABP2
Binding Specificity:	AA 1-132
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FABP2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-132 of human FABPI (NP_000125.2).
Sequence:	MAFDSTWKVD RSENYDKFME KMGVNIVKRK LAAHDNLKLT ITQEGNKFTV KESSTFRNIE VVFELGVTFN YNLADGTELR GTWSLEGKGL IGFKRTDNG NELNTVREII GDELVTQYVY EGVEAKRIFK KD
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

## Target Details

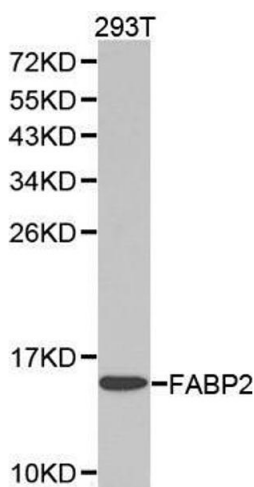
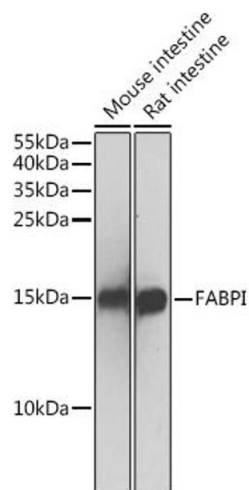
Target:	FABP2
Alternative Name:	FABP2 ( <a href="#">FABP2 Products</a> )
Background:	<p>The intracellular fatty acid-binding proteins (FABPs) belong to a multigene family with nearly twenty identified members. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and 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. 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.,FABP2,FABPI,I-FABP,Cancer,Signal Transduction,Cell Biology &amp; Developmental Biology,Endocrine &amp; Metabolism,Lipid Metabolism,Stem Cells,Cardiovascular,Lipids,Fatty Acids,FABP2</p>
Molecular Weight:	15 kDa
Gene ID:	2169
UniProt:	<a href="#">P12104</a>

## Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
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.
Handling Advice:	Avoid freeze / thaw cycles
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of various cell lines, using FABPI antibody (ABIN3022261, ABIN3022262, ABIN1512888 and ABIN6218702) at 1:500 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: 1s.

### Western Blotting

**Image 2.** Western blot analysis of extracts of 293T cell lines, using FABP2 antibody.