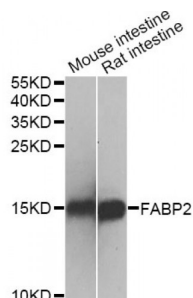


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## Intestinal Fatty Acid Binding Protein (I-FABP/FABP2) Antibody

Catalogue No.: abx001365



Western blot analysis of extracts of various cell lines, using FABP2 antibody (abx001365) at 1/500 dilution.

FABP2 Antibody is a Rabbit Polyclonal antibody against FABP2. 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. [provided by RefSeq, Jul 2008].

**Target:** Intestinal Fatty Acid Binding Protein (I-FABP/FABP2)

**Reactivity:** Human, Mouse, Rat

**Host:** Rabbit

**Clonality:** Polyclonal

**Tested Applications:** WB, IF/ICC

**Recommended dilutions:** WB: 1/500 - 1/2000, IF/ICC: 1/10 - 1/100. Optimal dilutions/concentrations should be determined by the end user.

**Immunogen:** Recombinant protein of human FABP2.

**Purification:** Affinity purified.

**Form:** Liquid

**Isotype:** IgG

**Conjugation:** Unconjugated

**Storage:** Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

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<b>Molecular Weight:</b>	Calculated MW: 15 kDa Observed MW: 15 kDa
<b>Swiss Prot:</b>	<a href="#"><u>P12104</u></a>
<b>GeneID:</b>	<a href="#"><u>2169</u></a>
<b>Gene Symbol:</b>	FABP2
<b>Concentration:</b>	> 1 mg/ml
<b>Buffer:</b>	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
<b>Note:</b>	This product is for research use only.