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# FABP2 Polyclonal Antibody

**Cat #:** G-AB-03202

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:** Polyclonal

**Overview:**
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.

**Gene ID:**

**Accession #:** NP_000125

**Immunogen:** Synthetic peptide of human FABP2

**Conjugation:** Unconjugated

**Swissprot:** P12104

**Calculated Molecular Weight:** 15 kDa

**Observed Molecular Weight:**

**Concentration:** 0.9 mg/mL

**Buffer:** PBS with 0.05% sodium azide and 50% glycerol, PH7.4

**Purification Method:** Affinity purification

**Application:** WB,IHC,ELISA

**Dilution:** WB 1:500-1:2000, IHC 1:50-1:200

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