

Native Human FABP1

Cat. No. FABP1-509H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Human FABP1 was purified from Human Liver.
Species	Human
Source	Human Liver
Description	This gene encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a 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.
Form	Liquid in sodium chloride, sodium phosphate, pH 7.2, with 0.05% sodium azide.
Molecular Mass	~14,000
Purity	>98% (SDS-PAGE)
Applications	Diagnostic Controls, Calibrators & Standards; Immunoassays; Antibody Production; Clinical Chemistry; Life Science; Manufacturing; Immunization
Storage	Store at -20oC

GENE INFORMATION

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Gene Name	FABP1 fatty acid binding protein 1, liver [Homo sapiens (human)]
Official Symbol	FABP1
Synonyms	FABP1; fatty acid binding protein 1, liver; FABPL; L-FABP; Fatty acid-binding protein, liver
Gene ID	2168
mRNA Refseq	NM_001443
Protein Refseq	NP_001434
MIM	134650
UniProt ID	P07148
Chromosome Location	2p11
Pathway	Fat digestion and absorption; Fatty acid, triacylglycerol, and ketone body metabolism; Metabolism of lipids and lipoproteins
Function	antioxidant activity; bile acid binding; chromatin binding; drug binding

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