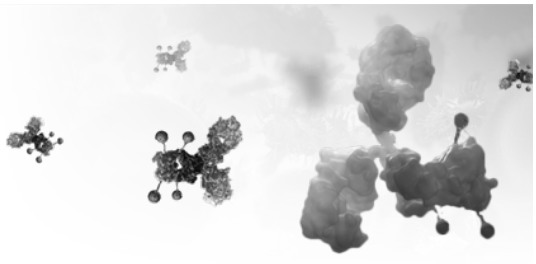

Human FABP1 peptide (DAG-P1639)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Mar 2011]
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

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; fatty acid-binding protein 1; liver-type fatty acid-binding protein;
Entrez Gene ID	2168
mRNA Refseq	NM_001443.2

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Protein Refseq	NP_001434.1
UniProt ID	P07148
Chromosome Location	2p11
Pathway	Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem; PPARA Activates Gene Expression, organism-specific biosystem; Regulation of Lipid Metabolism by P
Function	antioxidant activity; bile acid binding; chromatin binding; drug binding; fatty acid binding; long-chain fatty acid transporter activity; phospholipid binding;

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