



Human FABP4 peptide (DAG-P1556)

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

PRODUCT INFORMATION

Antigen Description	FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq, Jul 2008]
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	FABP4 fatty acid binding protein 4, adipocyte [Homo sapiens (human)]
Official Symbol	FABP4
Synonyms	FABP4; fatty acid binding protein 4, adipocyte; aP2; ALBP; AFABP; A-FABP; HEL-S-104; fatty acid-binding protein, adipocyte; fatty acid-binding protein 4; adipocyte lipid-binding protein; epididymis secretory protein Li 104; adipocyte-type fatty acid-binding protein;
Entrez Gene ID	2167
mRNA Refseq	NM_001442.2

Protein Refseq	NP_001433.1
UniProt ID	E7DVW4
Chromosome Location	8q21
Pathway	Developmental Biology, organism-specific biosystem; Hormone-sensitive lipase (HSL)-mediated triacylglycerol hydrolysis, organism-specific biosystem; Lipid digestion, mobilization, and transport, 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; Transcriptional Regulation of White Adipocyte Differentiation, organi
Function	fatty acid binding; transporter activity;