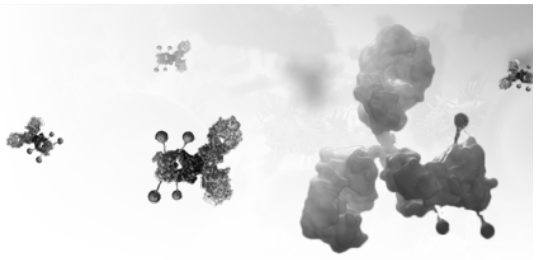

Human FABP2 blocking peptide (CDBP1180)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-FABP2 antibody
Antigen Description	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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	FABP2 fatty acid binding protein 2, intestinal [Homo sapiens]
Official Symbol	FABP2

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Synonyms	FABP2; fatty acid binding protein 2, intestinal; fatty acid-binding protein, intestinal; I FABP; fatty acid-binding protein 2; intestinal-type fatty acid-binding protein; FABPI; I-FABP; MGC133132;
Entrez Gene ID	2169
mRNA Refseq	NM_000134
Protein Refseq	NP_000125
UniProt ID	P12104
Chromosome Location	4q28-q31
Pathway	Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem;
Function	fatty acid binding; long-chain fatty acid transporter activity; transporter activity;

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