



Anti-FABP1 (full length) polyclonal antibody (DPAB-DC935)

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.
Immunogen	FABP1 (AAH32801, 1 a.a. ~ 127 a.a) full-length recombinant protein with GST tag. The sequence is MSFSGKYQLQSQENFEAFMKAIGLPEELIQKGKDIKGVSEIVQNGKHFKFTITAGSKVIQ NEFTVGEECELETMTGEKVKTVVQLEGDNKLVTTFKNIKSVTELNGDIITNTMTLGDIVF KRISKRI
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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
Protein Refseq	NP_001434
UniProt ID	P07148
Chromosome Location	2p11
Pathway	Fat digestion and absorption; Fatty acid, triacylglycerol, and ketone body metabolism; Metabolism of lipids and lipoproteins; PPAR signaling pathway
Function	antioxidant activity; bile acid binding; chromatin binding; drug binding