



## Rabbit Anti-liver FABP antibody

SL0897R

<b>Product Name:</b>	liver FABP
<b>Chinese Name:</b>	肝脏型脂肪酸Binding protein抗体
<b>Alias:</b>	FABP 1; FABP1; FABPL; Fatty Acid Binding Protein 1; Fatty acid-binding protein 1; Fatty acid binding protein 1 liver; Fatty Acid Binding Protein; Fatty acid-binding protein liver; Fatty acid-binding protein; liver; Liver-type fatty acid-binding protein; L FABP; L-FABP; FABPL_HUMAN..
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Pig,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	14kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from chicken LFABP:21-127/127
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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]

**Function:**

Binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm. May be involved in intracellular lipid transport.

**Subcellular Location:**

Cytoplasm.

**Similarity:**

Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.

**SWISS:**

N/A

**Gene ID:**

374015

**Database links:**

[Entrez Gene: 2168](#) Human

[Entrez Gene: 14080](#) Mouse

[Entrez Gene: 24360](#) Rat

[Omim: 134650](#) Human

[SwissProt: P07148](#) Human

[SwissProt: P12710](#) Mouse

[SwissProt: P02692](#) Rat

[Unigene: 380135](#) Human

[Unigene: 22126](#) Mouse

[Unigene: 36412](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

肝脏型脂肪酸Binding protein家族是脂质Binding protein超家族成员, 是一族多源性的小分子多肽蛋白,存在于脊椎动物和非脊椎动

物的细胞内,在细胞内长链脂肪酸的摄取、转运及代谢调节中发挥着重要作用。LFABP广泛存在于哺乳动物的小肠、肝、心、脑、骨骼肌等多种细胞内,其主要作用是调节脂肪酸的摄取和胞内运输,可将脂肪酸从The cell membrane上运送到脂肪酸氧化和甘油三酯及磷脂合成的场所。

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