

## Rabbit Anti-liver FABP antibody

SL0897R

**Product Name** liver FABP

**Chinese Name** 肝脏型脂肪酸 Binding protein 抗体

**Alias** 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..

**Research Area** Tumour Cell biology Signal transduction The new supersedes the old

**Immunogen Species** Rabbit

**Clonality** Polyclonal

**React Species** Human, Mouse, Rat, (predicted: Chicken, Pig, )

**Applications** IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)  
not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Theoretical molecular weight** 14kDa

**Cellular localization** cytoplasmic

**Form** Liquid

**Concentration** 1mg/ml

**immunogen** KLH conjugated synthetic peptide derived from chicken LFABP: 21-127/127

**Lsotype** IgG

**Purification** affinity purified by Protein A

**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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

**PubMed**

[PubMed](#)

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

**Product  
Detail**

**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

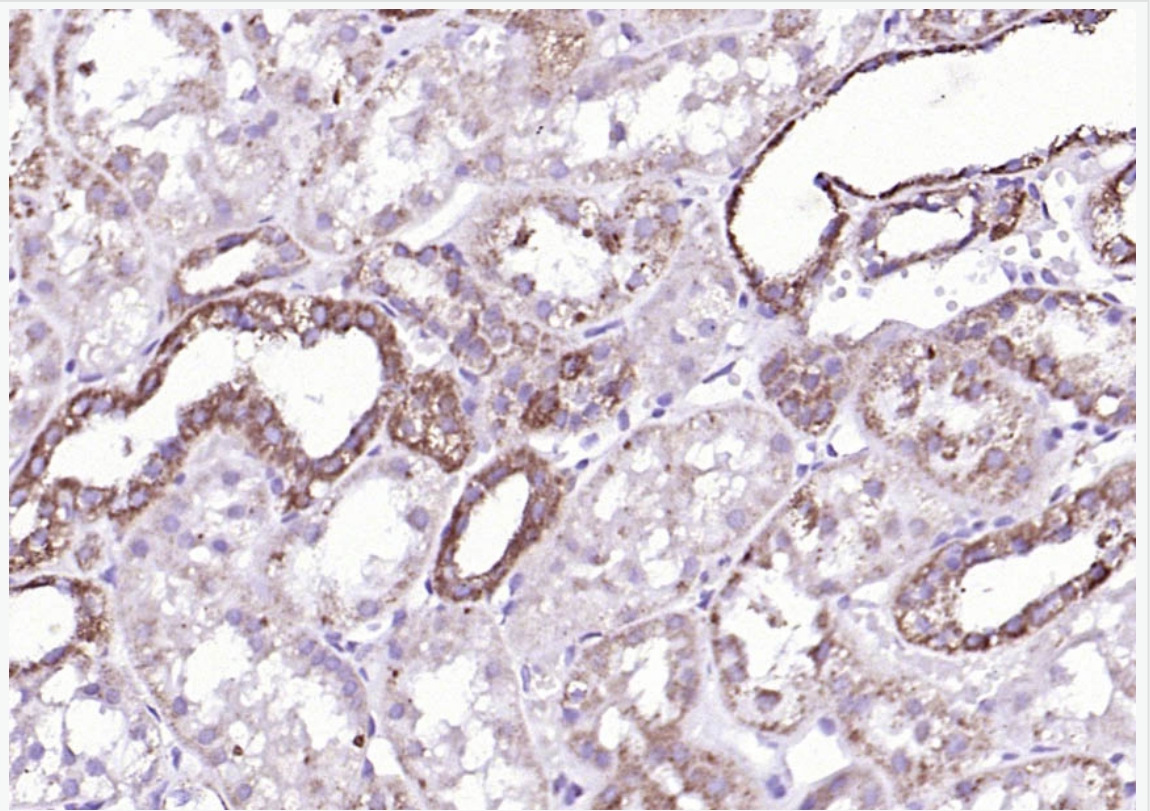
[Unigene: 22126](#) Mouse

[Unigene: 36412](#) Rat

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。

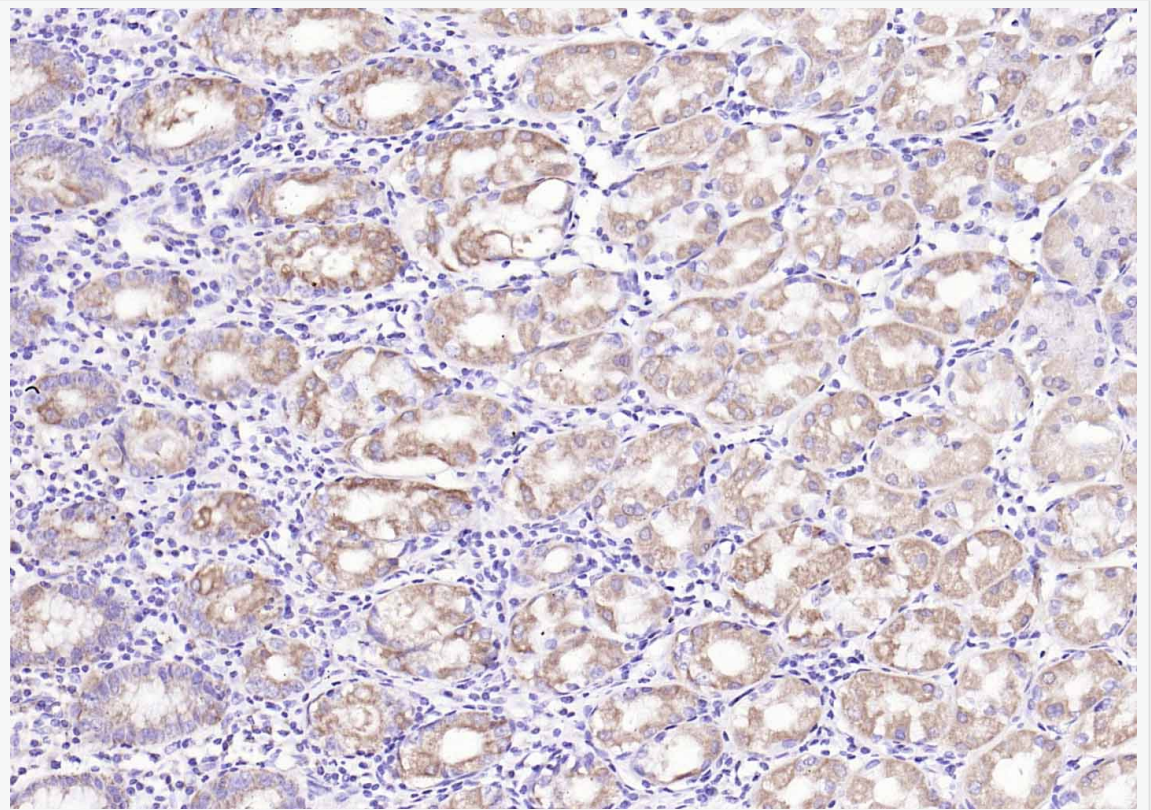
LFABP 广泛存在于哺乳动物的小肠、肝、心、脑、骨骼肌等多种细胞内,其主要作用是调节脂肪酸的摄取和胞内运输,可将脂肪酸从 The cell membrane 上运送到脂肪酸氧化和甘油三酯及磷脂合成的场所。

**Product  
Picture**

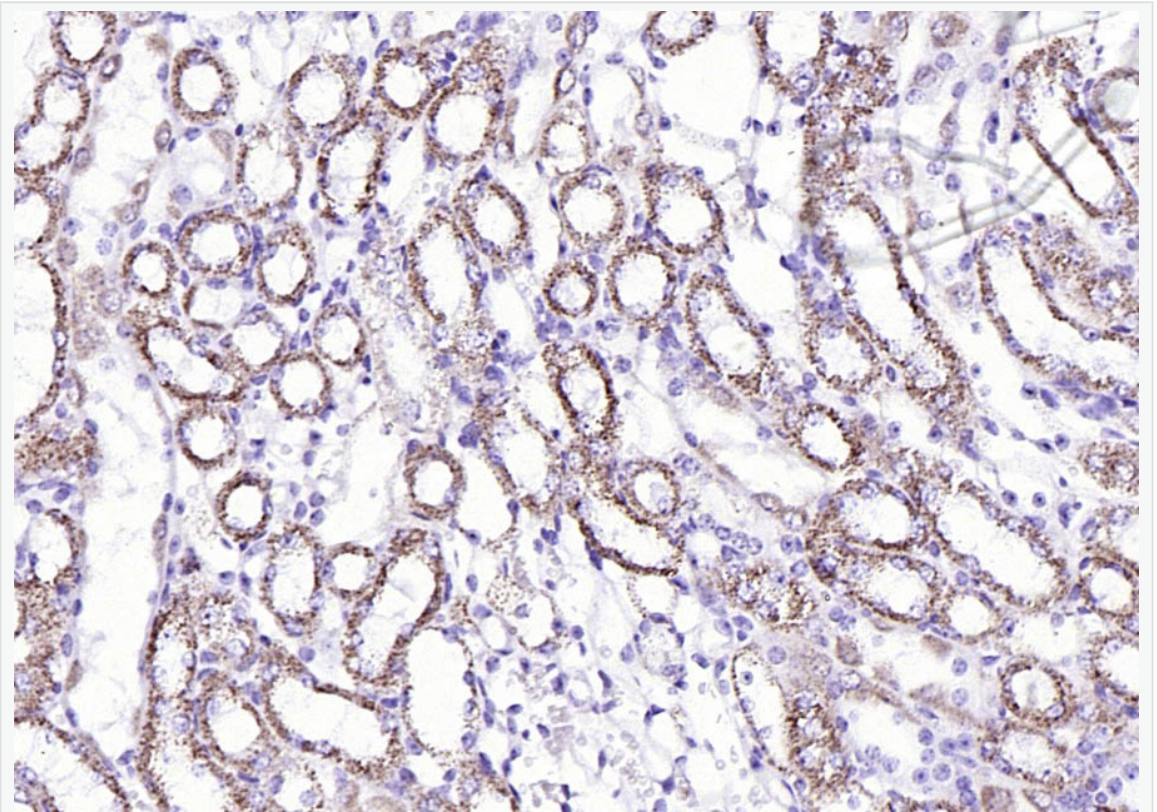


Paraformaldehyde-fixed, paraffin embedded (Human kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (liver FABP) Polyclonal Antibody, Unconjugated (SL0897R) at 1:200 overnight at 4°C, followed by operating according to SP

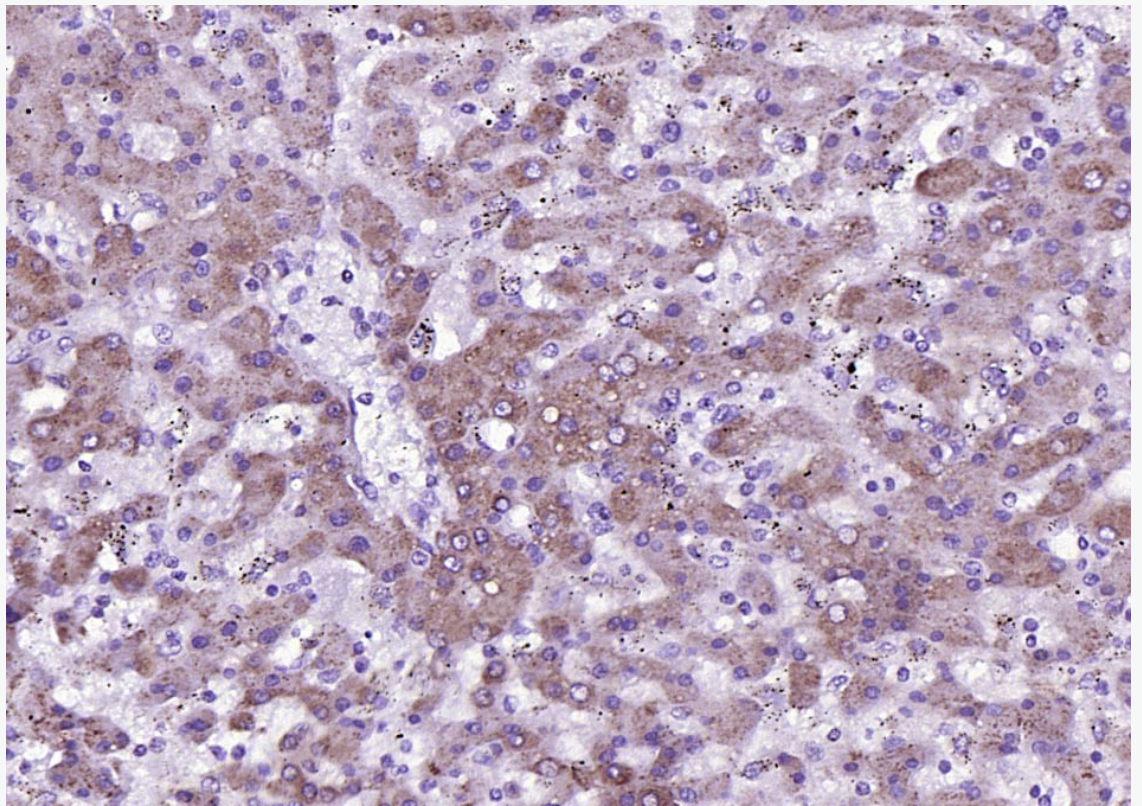
Kit(Rabbit) (sp-0023) instructions and DAB staining.



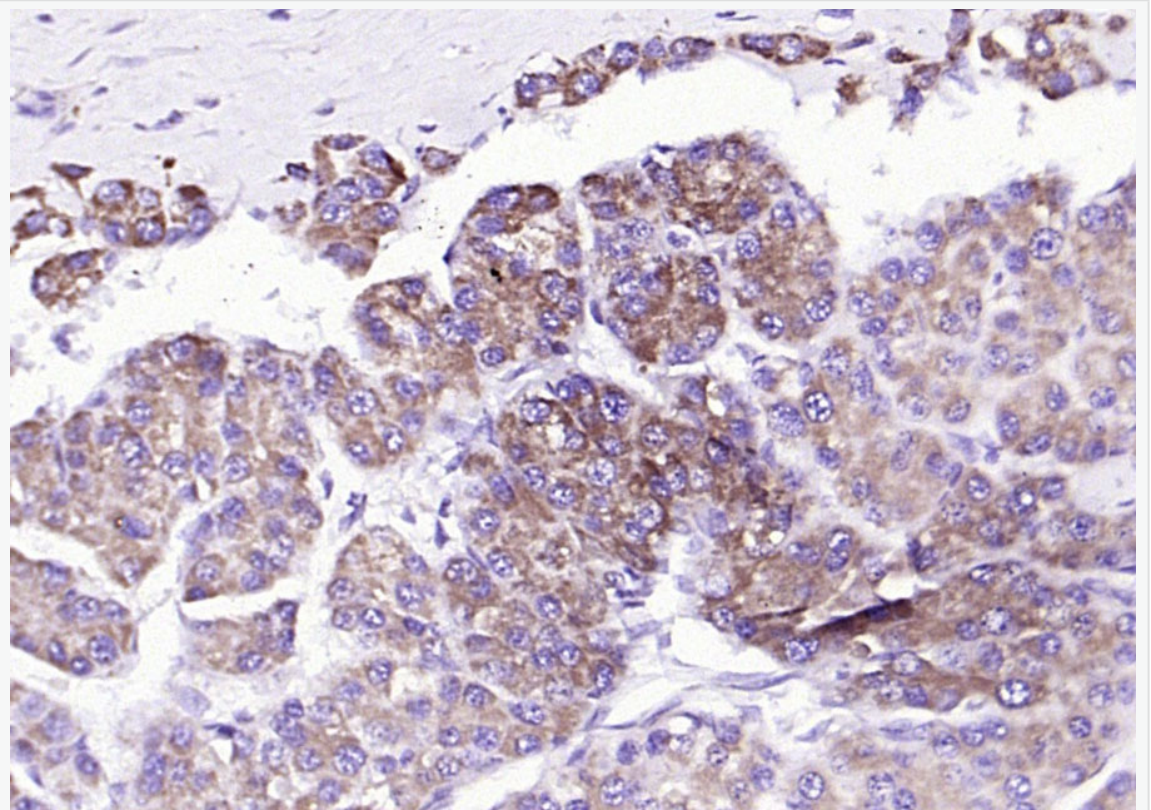
Paraformaldehyde-fixed, paraffin embedded (Human stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (liver FABP) Polyclonal Antibody, Unconjugated (SL0897R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



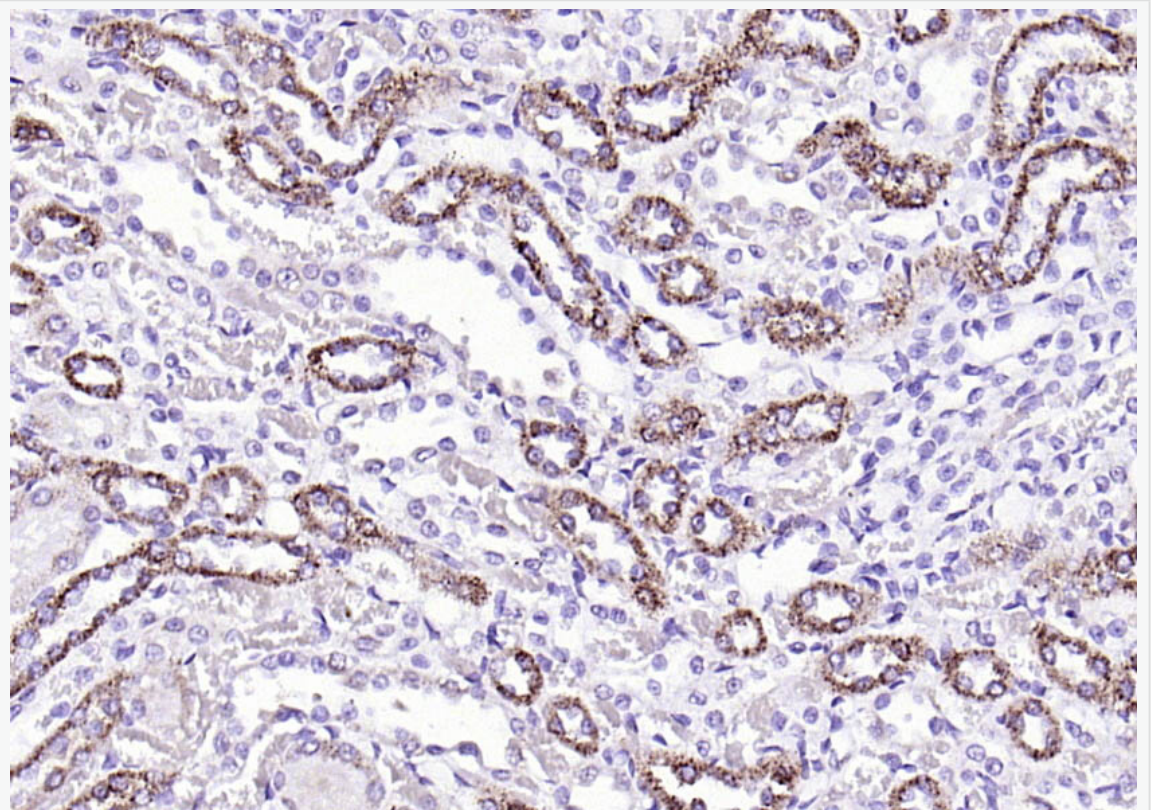
Paraformaldehyde-fixed, paraffin embedded (mouse kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (liver FABP) Polyclonal Antibody, Unconjugated (SL0897R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining



Paraformaldehyde-fixed, paraffin embedded (human liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (liver FABP) Polyclonal Antibody, Unconjugated (SL0897R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (liver FABP) Polyclonal Antibody, Unconjugated (SL0897R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat kidney); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (liver FABP) Polyclonal Antibody, Unconjugated (SL0897R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.