



Rabbit Anti-FABP5 antibody

SL2370R

Product Name:	FABP5
Chinese Name:	脂肪酸Binding protein5/epithelial cells型抗体
Alias:	epidermal; Fatty Acid Binding Protein 5; CFABP; Cutaneous fatty acid binding protein; DA11; Differentiation associated lipid binding protein LP2; E-FABP; EFABP; Epidermal-type fatty acid-binding protein; FABP5; FABP5_HUMAN; Fatty acid binding protein epidermal; Fatty acid-binding protein 5; Fatty acid-binding protein; Keratinocyte lipid binding protein; PA-FABP; PAFABP; Psoriasis associated fatty acid binding protein homolog; Psoriasis-associated fatty acid-binding protein homolog.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Pig,Horse,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800Flow-Cyt=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	15kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Fatty Acid Binding Protein 5:21-120/135
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	This gene encodes the fatty acid binding protein found in epidermal cells, and was first

identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs may play roles in fatty acid uptake, transport, and metabolism. Polymorphisms in this gene are associated with type 2 diabetes. The human genome contains many pseudogenes similar to this locus.[provided by RefSeq, Feb 2011].

Subcellular Location:

Cytoplasm.

Tissue Specificity:

Keratinocytes; highly expressed in psoriatic skin.

Similarity:

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

SWISS:

Q01469

Gene ID:

2171

Database links:

[Entrez Gene: 2171](#)Human

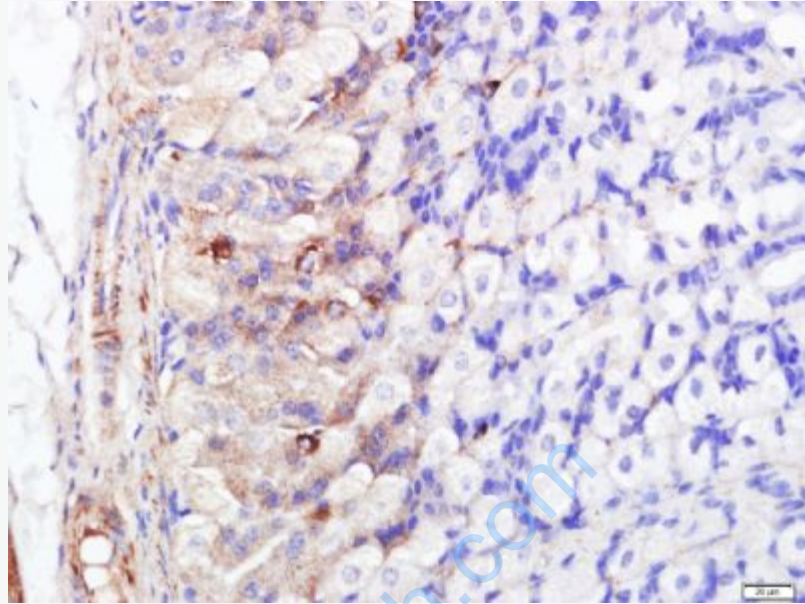
[Omim: 605168](#)Human

[SwissProt: Q01469](#)Human

[Unigene: 408061](#)Human

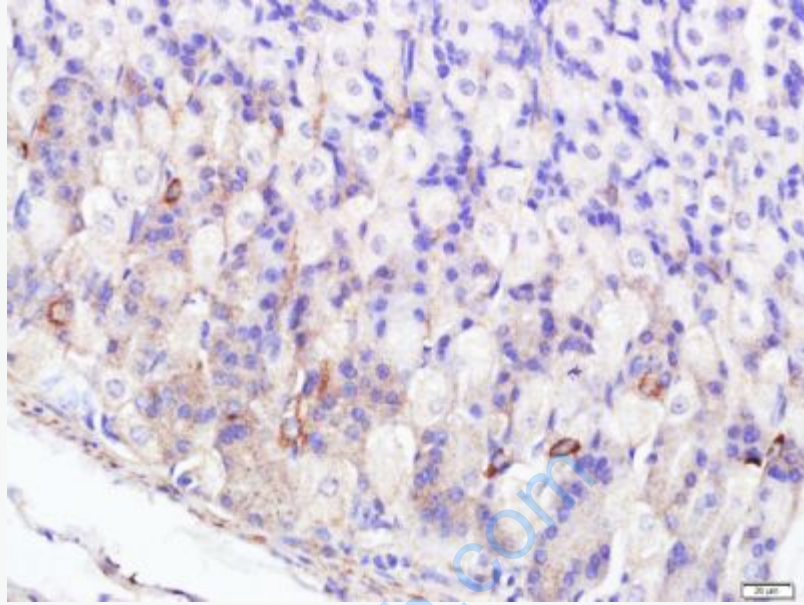
Important Note:

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



Picture:

Paraformaldehyde-fixed, paraffin embedded (mouse 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 (FABP5) Polyclonal Antibody, Unconjugated (SL2370R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



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