

Rabbit Anti-FABP5/Cy5 Conjugated antibody

SL2370R-Cy5

Product Name	Anti-FABP5/Cy5
Chinese Name	Cy5 标记的脂肪酸 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.
Research Area	Cell biology immunology Binding protein
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	Mouse(predicted:Human,Rat,Pig,Horse) IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	15kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human Fatty Acid Binding Protein 5
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol. 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 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Storage	
Product Detail	background: 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.

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.