

# FABP5 Rabbit Polyclonal Antibody



CAB6373

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

12kDa

### Calculated MW:

15kDa

### Applications:

WB IF

### Reactivity:

Human, Mouse

## Protein 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.

## Immunogen information

### Gene ID:

2171

### Uniprot

Q01469

### Synonyms:

FABP5; E-FABP; EFABP; KFABP; PA-FABP; PAFABP

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

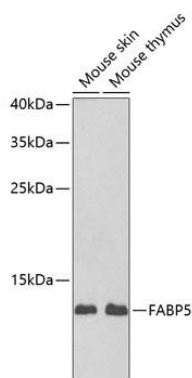
Recombinant fusion protein containing a sequence corresponding to amino acids 1-135 of human FABP5 (NP\_001435.1).

### Storage:

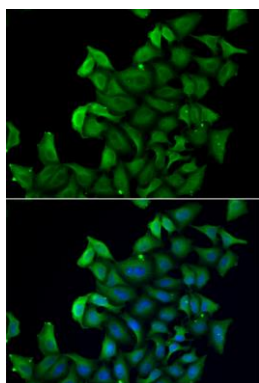
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using FABP5 antibody (CAB6373) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.



Immunofluorescence analysis of A549 cells using FABP5 antibody (CAB6373). Blue: DAPI for nuclear staining.