

Datasheet for ABIN3043194  
**anti-FABP5 antibody (N-Term)**



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2 Images

## Overview

Quantity:	100 µg
Target:	FABP5
Binding Specificity:	AA 2-16, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FABP5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Purpose:	Rabbit IgG polyclonal antibody for Fatty acid-binding protein, epidermal(FABP5) detection. Tested with WB, IHC-P in Human.
Immunogen:	A synthetic peptide corresponding to a sequence at the N-terminus of human Fatty Acid Binding Protein 5(2-16aa ATVQQLEGRWRLVDS).
Sequence:	ATVQQLEGRW RLVDS
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Rabbit IgG polyclonal antibody for Fatty acid-binding protein, epidermal(FABP5) detection. Tested with WB, IHC-P in Human. Gene Name: fatty acid binding protein 5(psoriasis-associated) Protein Name: Fatty acid-binding protein, epidermal

## Product Details

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Purification: Immunogen affinity purified.

## Target Details

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Target: FABP5

Alternative Name: FABP5 ([FABP5 Products](#))

Background: FABP5, Fatty acid-binding protein, epidermal, is a protein that in humans is encoded by the FABP5 gene. This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. It is mapped to 8q21.13. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism.

Synonyms: CFABP antibody|Cutaneous fatty acid binding protein antibody|DA11 antibody|Differentiation associated lipid binding protein LP2 antibody|E-FABP antibody|EFABP antibody|Epidermal-type fatty acid-binding protein antibody|FABP5 antibody|FABP5\_HUMAN antibody|fatty acid binding protein 5(psoriasis-associated) antibody|Fatty acid binding protein epidermal antibody|Fatty acid-binding protein 5 antibody|Fatty acid-binding protein, epidermal antibody|Keratinocyte lipid binding protein antibody|KFABP antibody|Klbp antibody|mal1 antibody|PA-FABP antibody|PAFABP antibody|Psoriasis associated fatty acid binding protein homolog antibody|Psoriasis-associated fatty acid-binding protein homolog antibody

UniProt: [Q01469](#)

## Application Details

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Application Notes: WB: Concentration: 0.1-0.5 µg/mL, Tested Species: Human  
IHC-P: Concentration: 0.5-1 µg/mL, Tested Species: Human, Epitope Retrieval by Heat: Boiling the paraffin sections in 10 mM citrate buffer, pH 6.0, for 20 mins is required for the staining of formalin/paraffin sections.  
Notes: Tested Species: Species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested.  
Optimal dilutions should be determined by end users.

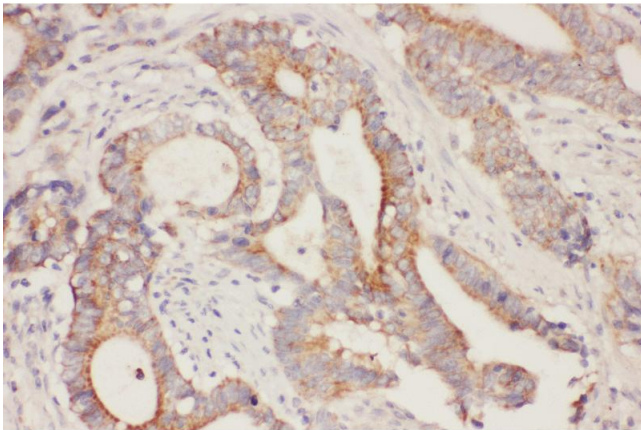
Comment: Antibody can be supported by chemiluminescence kit ABIN921124 in WB, supported by ABIN921231 in IHC(P).

Restrictions: For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 5 mg BSA, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05 mg Thimerosal, 0.05 mg Sodium azide.
Preservative:	Thimerosal (Merthiolate), Sodium azide
Precaution of Use:	This product contains Sodium azide and Thimerosal (Merthiolate): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20 °C for a longer time. Avoid repeated freezing and thawing.
Expiry Date:	12 months

## Images



### Immunohistochemistry

**Image 1.** Anti- Fatty Acid Binding Protein 5 antibody, IHC(P)  
IHC(P): Human Intestinal Cancer Tissue



### Western Blotting

**Image 2.** Anti- Fatty Acid Binding Protein 5 antibody, Western blotting All lanes: Anti Fatty Acid Binding Protein 5 at 0.5ug/ml Lane 1: HELA Whole Cell Lysate at 40ug Lane 2: HEPG2 Whole Cell Lysate at 40ug Predicted bind size: 15KD Observed bind size: 15KD