

Rabbit anti-Mouse, Rat Fatty Acid Binding Protein 5 Polyclonal Antibody | anti-FABP5 antibody

Anti-Fatty Acid Binding Protein 5 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45396	Rabbit	Mouse, Rat	Immunohistochemistry, Western Blot

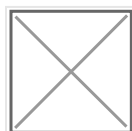
PRODUCT SYNONYMS

Fatty Acid Binding Protein 5; Polyclonal Antibody; Anti-Fatty Acid Binding Protein 5 antibody; Fatty acid-binding protein; epidermal; fatty acid binding protein 5(psoriasis-associated); 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; 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; anti-FABP5 antibody

PRODUCT SPECIFICATIONS

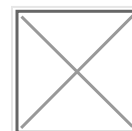
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	135
Applicable Applications for anti-FABP5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of mouse Fatty Acid Binding Protein 5 (10-23aa KWRLMESHGFEEYM), different from the related rat sequence by two amino acids.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-Fatty Acid Binding Protein 5 antibody, AAA45396, IHC(P)IHC(P): Mouse Cardiac Muscle



IHC (Immunohistochemistry)

Anti-Fatty Acid Binding Protein 5 antibody, AAA45396, IHC(P)IHC(P): Rat Intestine Tissue



WB (Western Blot)

Anti-Fatty Acid Binding Protein 5 antibody, AAA45396, Western blottingAll lanes: Anti Fatty Acid Binding Protein 5 (AAA45396) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 50ugLane 2: Rat Kidney Tissue Lysate at 50ugPredicted bind size: 15KDObserved bind size: 15KD

ADDITIONAL INFORMATION

Related Product Information for anti-FABP5 antibody

Description: Rabbit IgG polyclonal antibody for Fatty acid-binding protein, epidermal(FABP5) detection. Tested with WB, IHC-P in Mouse, Rat.

Background: FABP5(fatty acid binding protein 5(psoriasis-associated)) is a protein that in humans is encoded by the FABP5 gene, also known as PAFABP, EFABP, E-FABP, KFABP, PA-FABP, Epidermal-type fatty acid-binding protein, Fatty acid-binding protein 5, Psoriasis-associated fatty acid-binding protein homolog. It is a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. The PAFABP cDNA encodes a 135-amino acid protein with molecular weight 15,164. This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. It is though that FABPs roles include fatty acid uptake, transport, and metabolism. Kaczocha et al.(2009) identified FABP5 and FABP7 as cytosolic proteins that transport AEA from the plasma membrane to subcellular fatty acid amide hydrolase, where it is hydrolyzed and inactivated. FABP3 did not show this specific transport function.

NCBI AND UNIPROT INFORMATION

NCBI GI #	462064
NCBI GeneID	16592
UniProt Accession #	Q05816
Molecular Weight	15,137 Da
NCBI Official Full Name	Fatty acid-binding protein, epidermal
NCBI Official Synonym Full Names	fatty acid binding protein 5, epidermal
NCBI Official Symbol	Fabp5
NCBI Official Synonym Symbols	Klbp; mal1; Fabpe; E-FABP; PA-FABP
NCBI Protein Information	fatty acid-binding protein, epidermal; uncharacterized protein LOC16592; keratinocyte lipid-binding protein; epithelial fatty acid-binding protein; epidermal-type fatty acid-binding protein; psoriasis-associated fatty acid-binding protein homolog
UniProt Protein Name	Fatty acid-binding protein, epidermal
UniProt Gene Name	Fabp5
UniProt Synonym Gene Names	Fabpe; Klbp; Mal1; E-FABP; PA-FABP
UniProt Entry Name	FABP5_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/fatty-acid-binding-protein-5-antibody-immunohistochemistry-western-blot-elisa/45396>