

Rabbit FABP5 Polyclonal Antibody | anti-FABP5 antibody

FABP5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322941	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

FABP5; Polyclonal Antibody; FABP5 Antibody; CFABP; Cutaneous fatty acid binding protein; DA11; Differentiation associated lipid binding protein LP2; E-FABP; EFABP; Epidermal-type fatty acid-binding protein; FABP5_HUMAN; fatty acid binding protein 5 (psoriasis-associated); Fatty acid binding protein epidermal; Fatty acid-binding protein 5; Fatty acid-binding protein; epidermal; Keratinocyte lipid binding protein; KFABP; Klbp; mal1; PA-FABP; PAFABP; Psoriasis associated fatty acid binding protein homolog; Psoriasis-associated fatty acid-binding protein homolog; anti-FABP5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	FABP5 antibody detects endogenous levels of FABP5.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	135
Applicable Applications for anti-FABP5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human FABP5.
Subcellular Location	Cytoplasm.
Tissue Specificity	Keratinocytes; highly expressed in psoriatic skin.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit
Similarity	Bovine (92%), Horse (92%), Sheep (92%), Rabbit (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts of A375 cells, using FABP5 antibody.



IHC (Immunohistochemistry)
AAA322941 at 1/100 staining Mouse liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-FABP5 antibody	Function: High specificity for fatty acids. Highest affinity for C18 chain length. Decreasing the chain length or introducing double bonds reduces the affinity. May be involved in keratinocyte differentiation. Similarity: Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior. Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557581
NCBI GeneID	2171
NCBI Accession #	NP_001435.1
NCBI GenBank Nucleotide #	NM_001444.2
UniProt Accession #	Q01469; B2R4K0
Molecular Weight	Observed: 15 kDa Predicted: 16 kDa
NCBI Official Full Name	fatty acid-binding protein 5
NCBI Official Synonym Full Names	fatty acid binding protein 5
NCBI Official Symbol	FABP5
NCBI Official Synonym Symbols	EFABP; KFABP; E-FABP; PAFABP; PA-FABP
NCBI Protein Information	fatty acid-binding protein 5
UniProt Protein Name	Fatty acid-binding protein 5
UniProt Gene Name	FABP5
UniProt Synonym Gene Names	E-FABP1 PublicationManual assertion based on opinion iniRef.9; PA-FABP

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.