

liver FABP Polyclonal Antibody | anti-FABP antibody

Anti-liver FABP Antibody

CATALOG # AAA46277	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
------------------------------	--	---

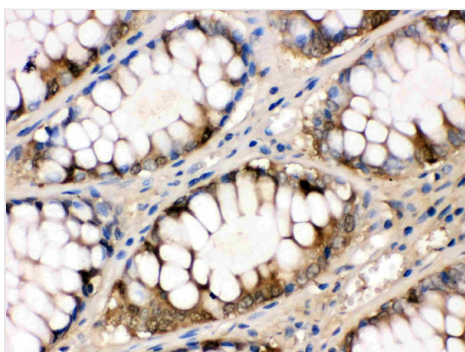
PRODUCT SYNONYMS

liver FABP; Polyclonal Antibody; Anti-liver FABP Antibody; Fatty acid-binding protein; FABP 1; FABP1; FABP-1; FABPL; FABPL_HUMAN; Fatty Acid Binding Protein 1; Fatty acid binding protein 1 liver; Fatty Acid Binding Protein; Fatty acid-binding protein 1; Fatty acid-binding protein liver; L FABP; L-FABP; liver; Liver-type fatty acid-binding protein; fatty acid binding protein 1; anti-FABP antibody

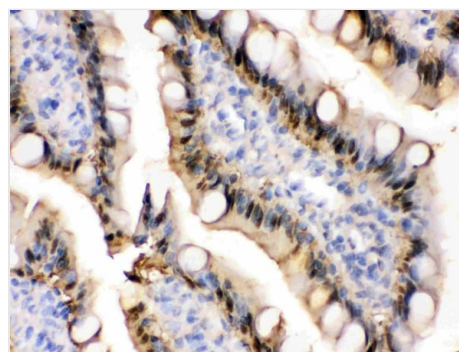
PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Immunogen Affinity Purified
Form/Format	Lyophilized. Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Na ₃ N.
Sequence Length	127
Applicable Applications for anti-FABP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human liver FABP (6-36aa KYQLSQENFEAFMKAIGLPEELIQKGKDIK), different from the related mouse sequence by two amino acids, and from the related rat sequence by four amino acids.
Ig Type	Rabbit IgG
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 aliquoted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

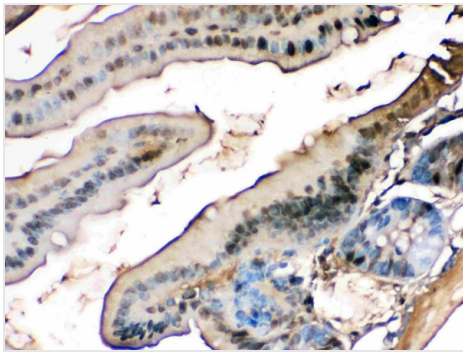
IMAGES



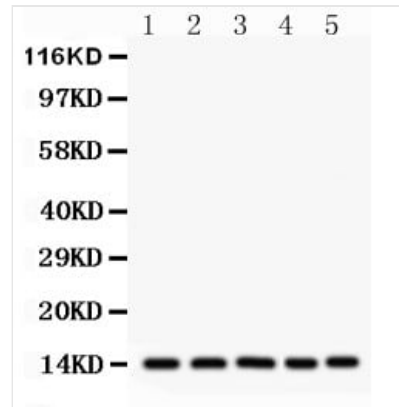
IHC (Immunohistochemistry)
Anti- liver FABP Picoband antibody, AAA46277,IHC(P)IHC(P): Human Intestinal Cancer Tissue



IHC (Immunohistochemistry)
Anti- liver FABP Picoband antibody, AAA46277,IHC(P)IHC(P): Rat Intestine Tissue



IHC (Immunohistochemistry)
Anti- liver FABP Picoband antibody, AAA46277, IHC(P) IHC(P): Mouse Intestine Tissue



WB (Western Blot)
Anti- liver FABP Picoband antibody, AAA46277, Western blotting All lanes: Anti liver FABP (AAA46277) at 0.5ug/ml Lane 1: Rat Liver Tissue Lysate at 50ug Lane 2: Mouse Liver Tissue Lysate at 50ug Lane 3: SMMC Whole Cell Lysate at 40ug Lane 4: HEPG2 Whole Cell Lysate at 40ug Lane 5: RH35 Whole Cell Lysate at 40ug Predicted bind size: 14KD Observed bind size: 14KD

ADDITIONAL INFORMATION

Related Product Information for anti-FABP antibody	Description: Rabbit IgG polyclonal antibody for Fatty acid-binding protein, liver(FABP1) detection. Tested with WB, IHC-P in Human;Mouse;Rat. Background: Fatty acid binding protein 1, liver, also known as FABP1 or FABPL, is a human gene locating at 2p11. FABP1 encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind free fatty acids, their CoA derivatives, bilirubin, organic anions, and other small molecules. FABP1 and FABP6 (the ileal fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. The liver form of FABP may be identical to the major liver protein-1 (Lvp-1), which is encoded by a gene situated within 1 cM of Ly-2.
References	1. Sparkes, R. S.; Mohandas, T.; Heinzmann, C.; Gordon, J. I.; Klisak, I.; Zollman, S.; Sweetser, D. A.; Rangunathan, L.; Winokur, S.; Lusis, A. J. : Human fatty acid binding protein assignments: intestinal to 4q28-4q31 and liver to 2p11. (Abstract) Cytogenet. Cell Genet. 46: 697 only, 1987. 2. Sweetser, D. A.; Birkenmeier, E. H.; Klisak, I. J.; Zollman, S.; Sparkes, R. S.; Mohandas, T.; Lusis, A. J.; Gordon, J. I. : The human and rodent intestinal fatty acid binding protein genes: a comparative analysis of their structure, expression, and linkage relationships. J. Biol. Chem. 262: 16060-16071, 1987.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557577
NCBI GeneID	2168
NCBI Accession #	NP_001434.1
NCBI GenBank Nucleotide #	NM_001443.2
UniProt Accession #	P07148
Molecular Weight	14,208 Da
NCBI Official Full Name	fatty acid-binding protein, liver
NCBI Official Synonym Full Names	fatty acid binding protein 1
NCBI Official Symbol	FABP1
NCBI Official Synonym Symbols	FABPL; L-FABP
NCBI Protein Information	fatty acid-binding protein, liver
UniProt Protein Name	Fatty acid-binding protein, liver

UniProt Gene Name	FABP1
UniProt Synonym Gene Names	FABPL; L-FABP
UniProt Entry Name	FABPL_HUMAN

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/liver-fabp-antibody-immunohistochemistry-western-blot-elisa/46277>