BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-liver FABP/FABP1 Antibody Picoband®

Catalog Number: PA1229-1

About FABP1

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 though that FABPs roles include fatty acid uptake, transport, and metaboism. 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.

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Overview

Product Name	Anti-liver FABP/FABP1 Antibody Picoband®
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-liver FABP/FABP1 Antibody catalog # PA1229-1. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2mg Na2HPO4, 0.05 mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P07148

Technical Details

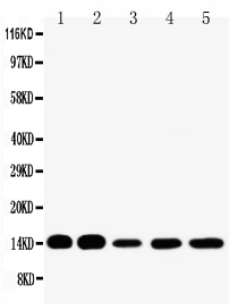
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human liver FABP, different from the related mouse sequence by two amino acids.

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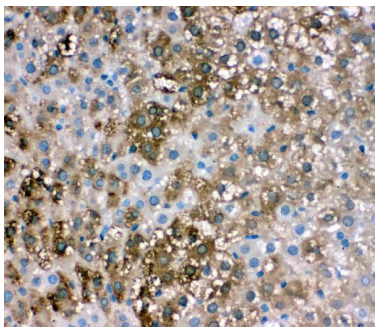
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Mouse, Rat, Human Western blot, 0.1-0.5ug/ml, Human, Mouse, Rat

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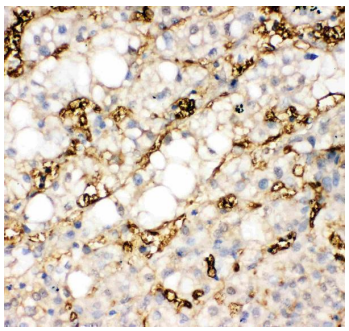
Anti-liver FABP/FABP1 Antibody Picoband® (PA1229-1) Images



Anti-liver FABP antibody, PA1229-1, Western blottingLane 1: Rat Liver Tissue LysateLane 2: Rat Kidney Tissue LysateLane 3: HELA Cell LysateLane 4: NEURO Cell LysateLane 5: SMMC Cell Lysate



Anti-liver FABP antibody, PA1229-1, IHC(P)IHC(P): Rat Liver Tissue



Anti-liver FABP antibody, PA1229-1, IHC(P)IHC(P): Human Liver Cancer Tissue

1 Publications Citing This Product

1. PubMed ID: 33819629, Huang Y,Zhao C,Kong Y,Tan P,Liu S,Liu Y,Zeng F,Yuan Y,Zhao B,Wang J.Elucidation of the mechanism of NEFA-induced PERK-eIF2alpha signaling pathway regulation of lipid metabolism in bovine hepatocytes.J Steroid Biochem Mol Biol.2021 Apr 2:105893.doi:10.1016/j.jsbmb.2021.105893.Epub ahead of print.PMID:33819629.

Visit bosterbio.com/anti-liver-fabp-antibody-pa1229-1-boster.html to see all 1 publications.

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