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

Anti-Fatty Acid Binding Protein 5/FABP5 Antibody Picoband®

Catalog Number: PA1475

About FABP5

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

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Overview

Product Name	Anti-Fatty Acid Binding Protein 5/FABP5 Antibody Picoband®
Reactive Species	Human
Description	Boster Bio Anti-Fatty Acid Binding Protein 5/FABP5 Antibody catalog # PA1475. Tested in IHC, WB applications. This antibody reacts with Human. 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 antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
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	Q01469

Technical Details

BOSTER
antibody and ELISA experts

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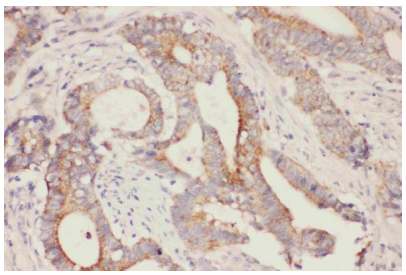
Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human Fatty Acid Binding Protein 5.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) 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, Human Western blot, 0.1-0.5ug/ml, Human

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Anti-Fatty Acid Binding Protein 5/FABP5 Antibody Picoband® (PA1475) Images



Anti-Fatty Acid Binding Protein 5 antibody, PA1475, Western blottingAll lanes: Anti Fatty Acid Binding Protein 5 (PA1475) at 0.5ug/mlLane 1: HELA Whole Cell Lysate at 40ugLane 2: HEPG2 Whole Cell Lysate at 40ugPredicted bind size: 15KDObserved bind size: 15KD



Anti-Fatty Acid Binding Protein 5 antibody, PA1475, IHC(P)IHC(P): Human Intestinal Cancer Tissue

Anti-Fatty Acid Binding Protein 5/FABP5 Antibody

For Research Use Only. Not for use in diagnostic procedures.