

## Anti-Fatty Acid Binding Protein 5/FABP5 Antibody

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

### Overview

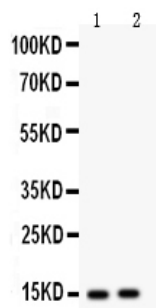
|                      |   |
|----------------------|---|
| Product Name         | Anti-Fatty Acid Binding Protein 5/FABP5 Antibody  |
| Reactive Species     | Human   |
| Description          | Boster Bio Anti-Fatty Acid Binding Protein 5/FABP5 Antibody catalog # PA1475. Tested in IHC, WB applications. This antibody reacts with Human.  |
| Application          | IHC, WB   |
| Clonality            | Polyclonal  |
| Formulation          | Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg 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           | Q01469  |

### Technical Details

|                               |  |
|-------------------------------|--|
| Immunogen                     | A synthetic peptide corresponding to a sequence at the N-terminus of human Fatty Acid Binding Protein 5.   |
| Predicted Reactive Species    | Monkey   |
| 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 | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Human, By Heat</p> <p>Western blot, 0.1-0.5ug/ml, Human</p> |

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



Anti-Fatty Acid Binding Protein 5 antibody, PA1475, Western blotting

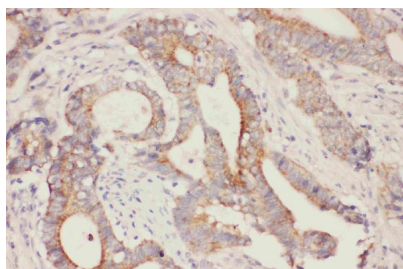
All lanes: Anti Fatty Acid Binding Protein 5 (PA1475) at 0.5ug/ml

Lane 1: HELA Whole Cell Lysate at 40ug

Lane 2: HEPG2 Whole Cell Lysate at 40ug

Predicted bind size: 15KD

Observed bind size: 15KD



Anti-Fatty Acid Binding Protein 5 antibody, PA1475, IHC(P)

IHC(P): Human Intestinal Cancer Tissue

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