

# Goat anti-FABP2, Biotinylated Antibody

Peptide-affinity purified goat antibody

Catalog # AF4397a

## Product Information

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| <b>Application</b>       | WB, Pep-ELISA                       |
| <b>Primary Accession</b> | <a href="#">P12104</a>              |
| <b>Other Accession</b>   | <a href="#">NP_000125.2</a>         |
| <b>Reactivity</b>        | Human, Mouse, Rat, Pig, Dog, Bovine |
| <b>Host</b>              | Goat                                |
| <b>Clonality</b>         | Polyclonal                          |
| <b>Clone Names</b>       | FABP2                               |
| <b>Calculated MW</b>     | 15237                               |

## Additional Information

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|--------------------|--|
| <b>Gene ID</b>     | 2169   |
| <b>Other Names</b> | FABP2; fatty acid binding protein 2, intestinal; FABPI; I-FABP; fatty acid-binding protein 2; intestinal-type fatty acid-binding protein                   |
| <b>Dilution</b>    | WB~~1:1000 Pep-ELISA~~N/A  |
| <b>Format</b>      | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing. |
| <b>Storage</b>     | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                   |
| <b>Precautions</b> | Goat anti-FABP2, Biotinylated Antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                   |

## Protein Information

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|-----------------|---|
| <b>Name</b>     | FABP2   |
| <b>Synonyms</b> | FABPI   |
| <b>Function</b> | FABPs are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters. FABP2 is probably involved in triglyceride-rich lipoprotein synthesis. Binds saturated long-chain fatty acids with a high affinity, but binds with a lower affinity to unsaturated long-chain fatty acids. FABP2 may also help maintain energy homeostasis by functioning as a lipid sensor. |

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|--------------------------|---|
| <b>Cellular Location</b> | Cytoplasm.  |
| <b>Tissue Location</b>   | Expressed in the small intestine and at much lower levels in the large intestine. Highest expression levels in the jejunum. |

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.