

Anti-FABP2/I-FABP Biotinylated Antibody

Catalog Number: A02378-Biotin

About Fabp2

FABP 2, Fatty acid-binding protein 2, is a protein that in humans is encoded by the FABP2 gene. Using a human cDNA probe, the gene is assigned to chromosome 4 in somatic cell hybrids. FABP 2 gene contains four exons and is an abundant cytosolic protein in small intestine epithelial cells. The FABPs belong to a multigene family with nearly twenty identified members. And FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. Also, they may be responsible in the modulation of cell growth and proliferation.

Overview

Product Name	Anti-FABP2/I-FABP Biotinylated Antibody
Reactive Species	Mouse
Description	Boster Bio Anti-FABP2/I-FABP Biotinylated Antibody catalog # A02378-Biotin. Tested in ELISA applications. This antibody reacts with Mouse.
Conjugate	Biotin
Application	ELISA
Clonality	Polyclonal
Formulation	Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na2HPO4, 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	P55050

Technical Details

Immunogen	E. coli-derived mouse FABP2/I-FABP recombinant protein (Position: A2-E132).
Predicted Reactive Species	Human
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

Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

ELISA Detection (Matched Antibody Pair), 0.1-0.5ug/ml

Anti-FABP2/I-FABP Biotinylated Antibody (A02378-Biotin) Images



Boster Kit Box

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