FABP3 Antibody

PRODUCT OVERVIEW

Product Name	FABP3, Antibody
Full Product Name	FABP3 Antibody
Product Gene Name	anti-FABP3 antibody
Molecular Weight	14,858 Da
OMIM	134651
3D Structure	ModBase 3D Structure for P05413
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-FABP3 antibody	MBS8505545 is an antibody targeting FABP3. Also known as FABP3 Antibody.
Other Notes	Small volumes of anti-FABP3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FABP3. It may not necessarily be applicable to this product.

NCBI GI #	4758328
NCBI GeneID	2170
NCBI Accession #	NP_004093.1
UniProt Primary Accession #	P05413
UniProt Secondary Accession #	Q5VV93; Q99957; B2RAB6
UniProt Related Accession #	P05413
GenBank Nucleotide #	NM_004102.4
NCBI Official Full Name	fatty acid-binding protein, heart isoform 2
NCBI Official Synonym Full Names	fatty acid binding protein 3
NCBI Official Symbol	FABP3
NCBI Official Synonym Symbols	MDGI; FABP11; H-FABP; M-FABP; O-FABP
UniProt Protein Name	Fatty acid-binding protein, heart
UniProt Synonym Protein Names	Fatty acid-binding protein 3; Heart-type fatty acid-binding protein; H-FABP; Mammary-derived growth inhibitor; MDGI; Muscle fatty acid-binding protein; M-FABP
Protein Family	Fatty acid-binding protein
UniProt Gene Name	FABP3
UniProt Synonym Gene Names	FABP11; MDGI; H-FABP; MDGI; M-FABP
NCBI Protein Information	fatty acid-binding protein, heart

NCBI Summary for FABP3	The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. 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. They may also be responsible in the modulation of cell growth and proliferation. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is a candidate tumor suppressor gene for human breast cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]
UniProt Comments for FABP3	FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters.
Research Articles on FABP3	**1.** Data suggest H-FABP as a potential marker for indicating myocardial ischemia.
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