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Cardiac FABP Antibody(Ascites)

Mouse Monoclonal Antibody (Mab)
Catalog # AM2000a

Product Information

Application	WB, E
Primary Accession	P05413
Other Accession	NP_004093.1
Reactivity	Mouse
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	388CT12.2.4.1
Calculated MW	14858

Additional Information

Gene ID	2170
Other Names	Fatty acid-binding protein, heart, 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, FABP3, FABP11, MDGI
Target/Specificity	Purified His-tagged Cardiac FABP protein(Fragment) was used to produced this monoclonal antibody.
Dilution	WB~~1:1000~4000 E~~Use at an assay dependent concentration.
Format	Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Cardiac FABP Antibody(Ascites) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FABP3
Synonyms	FABP11, MDGI
Function	FABPs are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters.

Cellular Location Cytoplasm.

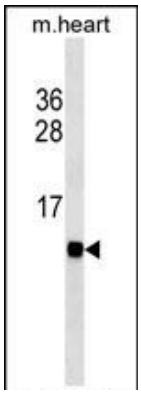
Background

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. [provided by RefSeq].

References

Shimada, M., et al. Hum. Genet. 128(4):433-441(2010) Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010) Jassim, G., et al. Pharmacopsychiatry (2010) In press : Boscheri, A., et al. Am. Heart J. 160(2):294-300(2010) Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) :

Images



Cardiac FABP Antibody (Cat. #AM2000a) western blot analysis in mouse heart tissue lysates (35µg/lane).This demonstrates the Cardiac FABP antibody detected the Cardiac FABP protein (arrow).

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