

Cardiac FABP Antibody(Ascites)
Mouse Monoclonal Antibody (Mab)
Catalog # AM2000a**Specification**

Cardiac FABP Antibody(Ascites) - Product Information

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

Cardiac FABP Antibody(Ascites) - 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.

Cardiac FABP Antibody(Ascites) - 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

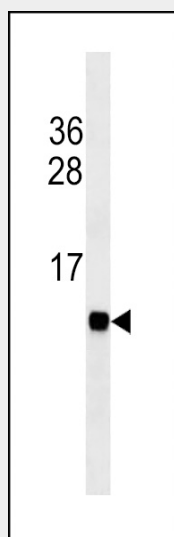
Cytoplasm.

Cardiac FABP Antibody(Ascites) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cardiac FABP Antibody(Ascites) - 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).

Cardiac FABP Antibody(Ascites) - 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].

Cardiac FABP Antibody(Ascites) - 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) :