


Product datasheet

Anti-H-FABP antibody [67D3] ab16916

★★★★★ [1 Abreviews](#) [6 References](#) [2 Images](#)

Overview

Product name	Anti-H-FABP antibody [67D3]
Description	Mouse monoclonal [67D3] to H-FABP
Host species	Mouse
Specificity	Ab16916 binds to human H-FABP. It shows no binding to human intestinal or liver FABP and slightly cross reacts with B-FABP.
Tested applications	Suitable for: IHC-P, IHC-Fr
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Full length native protein (purified) corresponding to Human H-FABP.
Positive control	Heart cells, recombinant human H-FABP This antibody gave a positive result in IHC in the following FFPE tissue: Human normal heart muscle.
General notes	<p>This antibody can be used to detect ischemia areas of human heart. It is also useful as marker for brain damage.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: 0.02% Sodium azide Constituents: PBS, 0.1% BSA
Purity	Protein G purified
Purification notes	Provided as a 0.2µm filtered antibody solution.

Primary antibody notes	This antibody can be used to detect ischemia areas of human heart. It is also useful as marker for brain damage.
Clonality	Monoclonal
Clone number	67D3
Isotype	IgG1

Applications

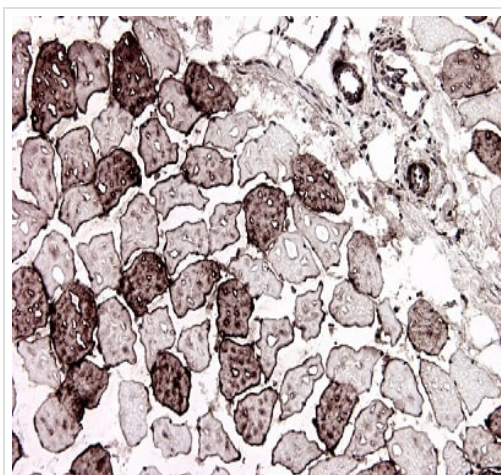
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab16916 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★ ★ ★ ★ ★ (1)	Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.

Target

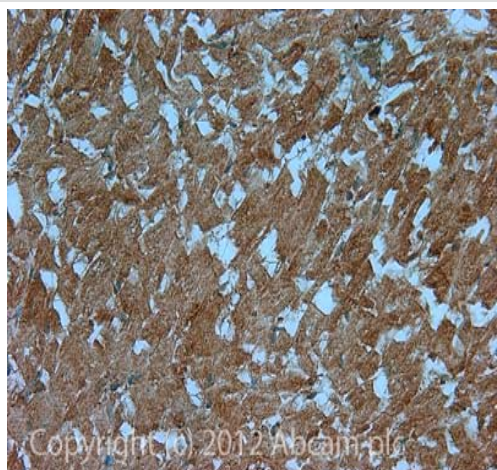
Function	FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters.
Sequence similarities	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
Domain	Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.
Cellular localization	Cytoplasm.

Images



Immunohistochemical staining of H-FABP in human skeletal muscle tissue.

Immunohistochemistry (Frozen sections) - Anti-H-FABP antibody [67D3] (ab16916)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-H-FABP antibody [67D3] (ab16916)

IHC image of H-FABP staining in Human normal heart muscle formalin fixed paraffin embedded tissue section, performed on a Leica Bond™ system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab16916, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

For other IHC staining systems (automated and non-automated) customers should optimize variable parameters such as antigen retrieval conditions, primary antibody concentration and antibody incubation times.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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