10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FABP3 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20623b

Product Information

Application	WB, FC, IHC-P, E
Primary Accession	P05413
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB44370
Calculated MW	14858
Antigen Region	1-133

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	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.
Dilution	WB~~1:1000 FC~~1:25 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
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	FABP3 Antibody 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.

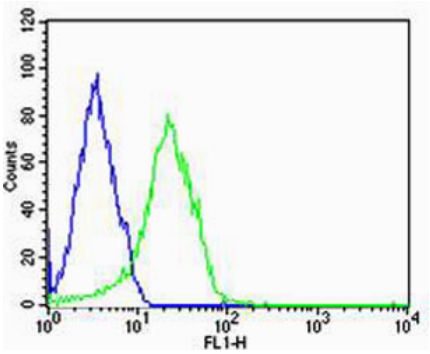
Background

FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters.

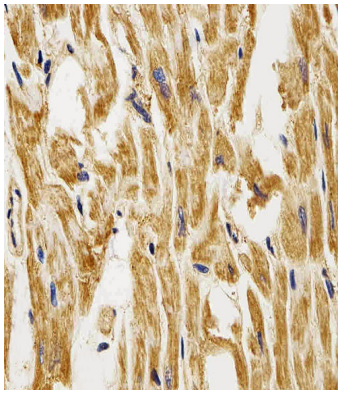
References

Peeter R.A.,et al.Biochem. J. 276:203-207(1991).
Hu Y.F.,et al.Submitted (MAR-1997) to the EMBL/GenBank/DDBJ databases.
Wu X.,et al.Submitted (NOV-1994) to the EMBL/GenBank/DDBJ databases.
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

Images

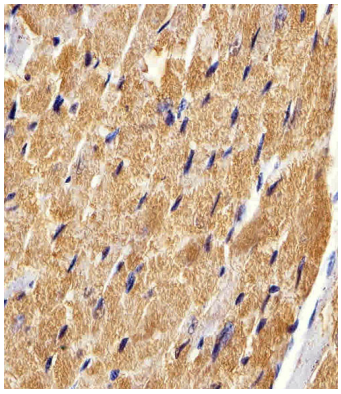


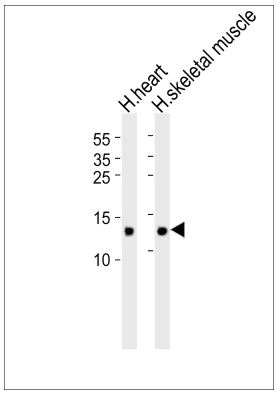
Flow cytometric analysis of HepG2 cells using FABP3(green, Cat#AP20623b) compared to an isotype control of rabbit IgG(blue). AP20623b was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit lgG at 1:400 dilution was used as the secondary antibody.



Immunohistochemical analysis of paraffin-embedded H. heart section using FABP3(Cat#AP20623b). AP20623b was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.

Immunohistochemical analysis of paraffin-embedded M. heart section using FABP3(Cat#AP20623b). AP20623b was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.





Western blot analysis of lysates from human heart and skeletal muscle tissue lysate(from left to right), using FABP3 Antibody(Cat. #AP20623b). AP20623b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35ug per lane.

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