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FABP3 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5037

Product Information

Application	IHC-P, FC, WB
Primary Accession	P05413
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	14858
Isotype	Rabbit IgG
Antigen Source	HUMAN

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
Dilution	IHC-P~~1:100~500 FC~~1:25 WB~~1:1000
Target/Specificity	This antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between amino acids from human.
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.

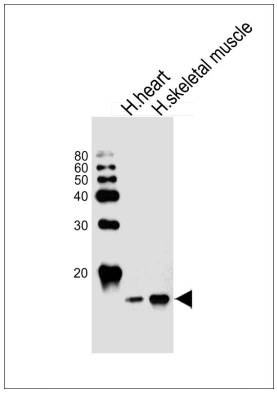
Background

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

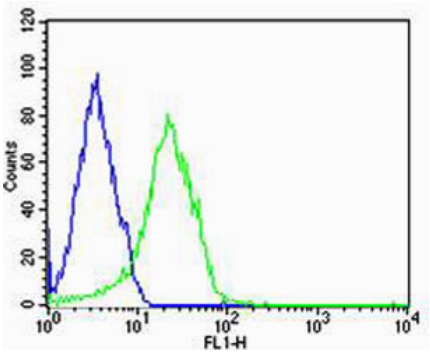
References

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).

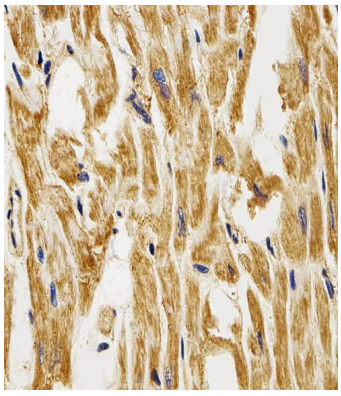
Images



Western blot analysis of lysates from human heart and skeletal muscle tissue lysate (from left to right), using FABP3 Antibody(Cat. #AW5037). AW5037 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

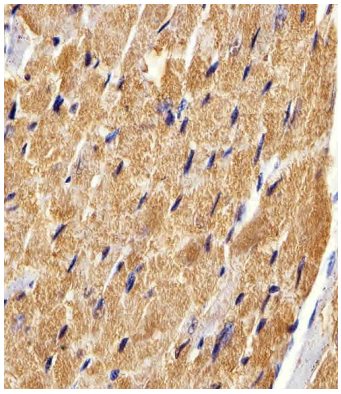


Flow cytometric analysis of HepG2 cells using FABP3(green, Cat#AW5037) compared to an isotype control of rabbit IgG(blue). AW5037 was diluted at 1:25 dilution. An Alexa Fluor® 488 goat anti-rabbit lgG at 1:400 dilution was used as the secondary antibody.



Immunohistochemical analysis of paraffin-embedded H. heart section using FABP3(Cat#AW5037). AW5037 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#AW5037). AW5037 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.