

**FABP3 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AW5037****Specification**

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**FABP3 Antibody - Product Information**

Application	WB, IHC-P, FC,E
Primary Accession	<a href="#">P05413</a>
Reactivity	Human
Predicted	Mouse, Rat
Host	Rabbit
Clonality	polyclonal
Calculated MW	H=15;M=15;Rat=15 KDa
Isotype	Rabbit IgG
Antigen Source	HUMAN

**FABP3 Antibody - 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**

WB~~1:1000

IHC-P~~1:25

FC~~1:25

**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.

**FABP3 Antibody - 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**

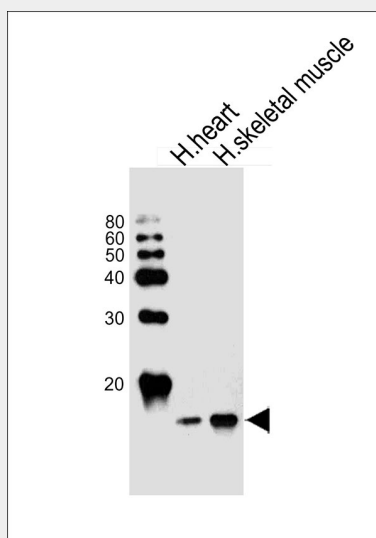
Cytoplasm.

**FABP3 Antibody - Protocols**

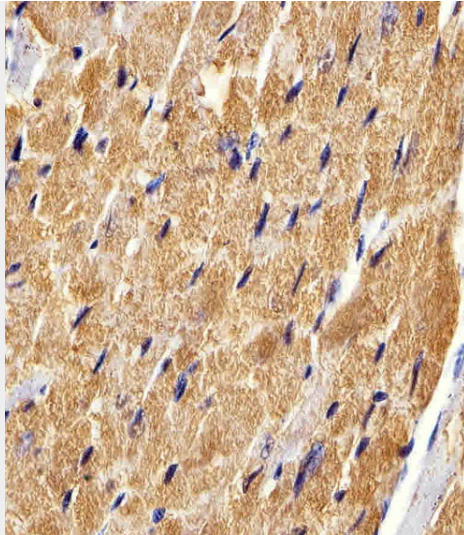
Provided below are standard protocols that you may find useful for product applications.

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

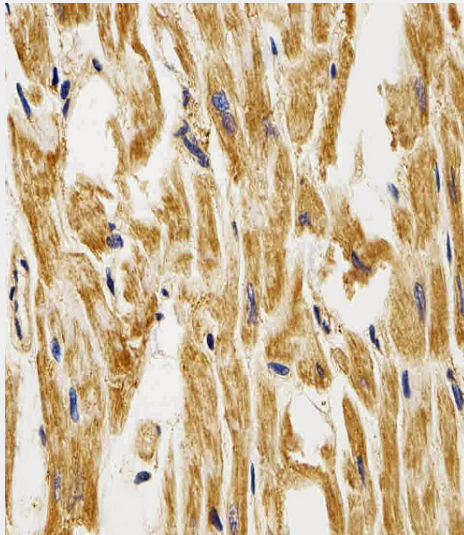
**FABP3 Antibody - Images**



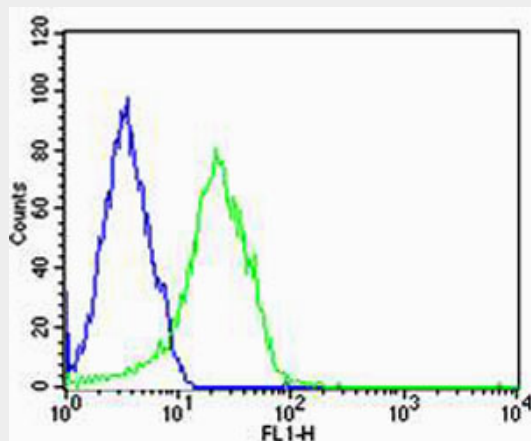
Western blot analysis of lysates from human heart and skeletal muscle tissue lysate (from left to right), using FABP3 Antibody (Cat. #AW5037). AW5037 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L (HRP) at 1:10000 dilution was used as the secondary antibody.



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.



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.



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 IgG at 1:400 dilution was used as the secondary antibody.

#### **FABP3 Antibody - Background**

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

#### **FABP3 Antibody - 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).