10320 Camino Santa Fe, Suite G
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FABP3 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5037

Specification

FABP3 Antibody - Product Information

Application	**WB, IHC-P, FC,E**
Primary Accession	P05413
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.

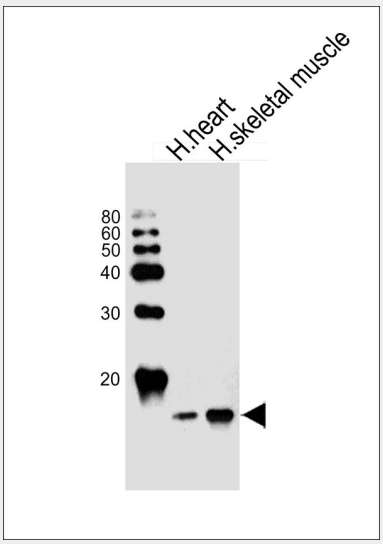
Cellular Location
Cytoplasm.

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 Cytomety
- 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.

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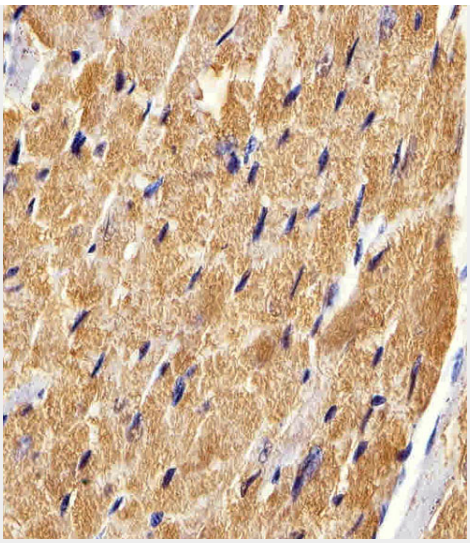
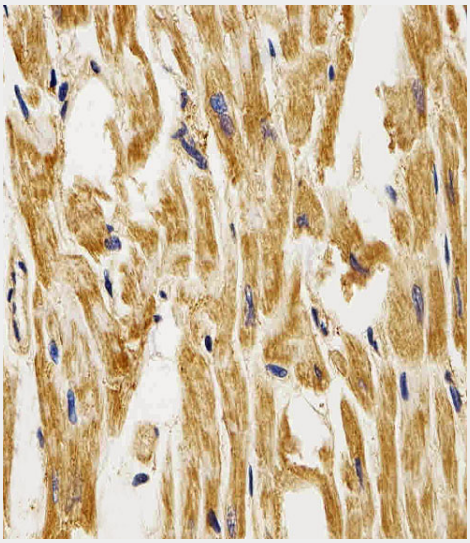
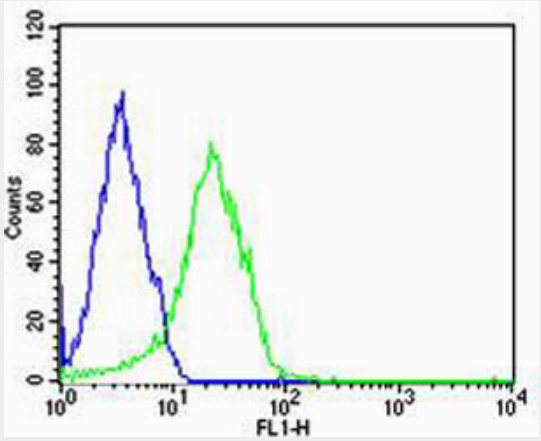


Immunohistochemical analysis of paraffin-embedded M. heart section using FABP3(Cat#AW5037). AW5037 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



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).