

FABP3 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AW5037

Specification

FABP3 Antibody - Product Information

Application
Primary Accession
Reactivity
Predicted
Host
Clonality
Calculated MW

Isotype

Antigen Source

IHC-P, WB, FC,E

P05413 Human Mouse, Rat Rabbit polyclonal

H=15;M=15;Rat=15 KDa

Rabbit IgG 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

IHC-P~~1:25 WB~~1:1000 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

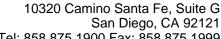
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

FABP3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

FABP3 Antibody - Protein Information

Name FABP3





Tel: 858.875.1900 Fax: 858.875.1999

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

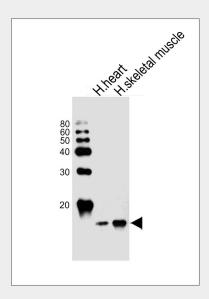
Cytoplasm.

FABP3 Antibody - Protocols

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

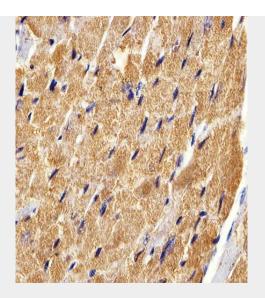
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

FABP3 Antibody - Images

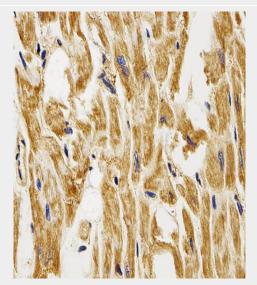


Western blot analysis of lysates from human heart and skeletal muscle tissue lysate (from left to right), using FABP3 Antibody(Cat. #AW5037). AW5037 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody.

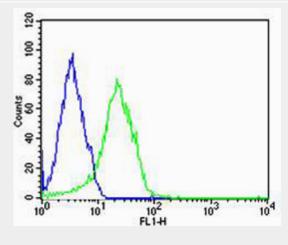


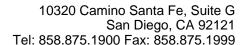


Immunohistochemical analysis of paraffin-embedded M. heart section using FABP3(Cat#AW5037). AW5037 was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



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).