

Rabbit anti-Human Cardiac FABP Polyclonal Antibody | anti-FABP3 antibody

Anti-Cardiac FABP antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45178	Rabbit	Human	Immunohistochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Cardiac FABP; Polyclonal Antibody; Anti-Cardiac FABP antibody; Fatty acid-binding protein; heart; fatty acid binding protein 3; muscle and heart(mammary-derived growth inhibitor); 422 protein antibody; Cardiac Fatty Acid Binding Protein antibody; FABP 11 antibody; FABP 3 antibody; FABP11 antibody; FABP3 antibody; FABPH_HUMAN antibody; Fatty acid binding protein 11 antibody; Fatty acid binding protein 3 antibody; Fatty acid binding protein 3 muscle and heart antibody; Fatty acid binding protein 3 muscle and heart mammary derived growth inhibitor antibody; Fatty acid binding protein 3 muscle antibody; Fatty acid binding protein 3; muscle and heart(mammary derived growth inhibitor) antibody; muscle antibody; Fatty acid binding protein heart antibody; Fatty acid binding protein; heart antibody; muscle and heart antibody; skeletal muscle antibody; Fatty acid-binding protein 3 antibody; Fatty acid-binding protein antibody; H FABP antibody; H-FABP antibody; Heart type fatty acid binding protein antibody; Heart-type fatty acid-binding protein antibody; M FABP antibody; M-FABP antibody; Mammary derived growth inhibitor antibody; Mammary-derived growth inhibitor antibody; MDGI antibody; Muscle fatty acid binding protein antibody; Muscle fatty acid-binding protein antibody; Myelin protein P2 homolog antibody; O FABP antibody; OTTHUMP00000003898 antibody; P2 adipocyte protein antibody; anti-FABP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	133
Applicable Applications for anti-FABP3 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Cardiac FABP (119-133aa THGTAVCTRTYEKEA).
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Figure 1. Western blot analysis of Cardiac FABP using anti-Cardiac FABP antibody (AAA45178). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 50ug of sample under reducing conditions. Lane 1: rat heart tissue lysate, Lane 2: mouse heart tissue lysate. After Electrophoresis, proteins were transferred to a Nitrocellulose membrane at 150mA for 50-90 minutes. Blocked the membrane with 5% Non-fat Milk/ TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Cardiac FABP antigen affinity purified polyclonal antibody at 0.5ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for Cardiac FABP at approximately 15KD. The expected band size for Cardiac FABP is at 15KD.



IHC (Immunohistochemistry)

Cardiac FABP was detected in paraffin-embedded sections of human intestinal cancer tissues using rabbit anti- Cardiac FABP Antigen Affinity purified polyclonal antibody at 1 ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)

Cardiac FABP was detected in paraffin-embedded sections of mouse skeletal muscle tissues using rabbit anti- Cardiac FABP Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.



IHC (Immunohistochemistry)

Cardiac FABP was detected in paraffin-embedded sections of rat cardiac muscle tissues using rabbit anti- Cardiac FABP Antigen Affinity purified polyclonal antibody at 1ug/mL. The immunohistochemical section was developed using SABC method.

ADDITIONAL INFORMATION

Related Product Information for anti-FABP3 antibody	Description: Rabbit IgG polyclonal antibody for Fatty acid-binding protein, heart(FABP3) detection. Tested with WB, IHC-P, IHC-F in Human. Background: Heart-type fatty acid binding protein(hFABP) also known as mammary-derived growth inhibitor is a protein that in humans is encoded by the FABP3 gene. The intracellular fatty acid-binding proteins(FABPs) belongs to a multigene family. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is also a candidate tumor suppressor gene for human breast cancer. Cardiac-type fatty acid-binding protein(cFABP) from human heart muscle of three individuals was isolated and characterized as pl 5.3-cFABP.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	119802
NCBI GeneID	2170
UniProt Accession #	P05413; Q5VV93; Q99957; B2RAB6
Molecular Weight	14,858 Da
NCBI Official Full Name	Fatty acid-binding protein, heart
NCBI Official Synonym Full Names	fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)
NCBI Official Symbol	FABP3
NCBI Official Synonym Symbols	MDGI; FABP11; H-FABP; M-FABP; O-FABP
NCBI Protein Information	fatty acid-binding protein, heart; fatty acid binding protein 11; mammary-derived growth inhibitor; muscle fatty acid-binding protein; Fatty acid-binding protein 3, muscle; heart-type fatty acid-binding protein
UniProt Protein Name	Fatty acid-binding protein, heart
UniProt Gene Name	FABP3
UniProt Synonym Gene Names	FABP11; MDGI; H-FABP; MDGI; M-FABP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/cardiac-fabp-antibody-immunohistochemistry-immunohistochemistry-western-blot-elisa/45178>