

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

Anti-FABP3 Antibody, Rabbit Polyclonal

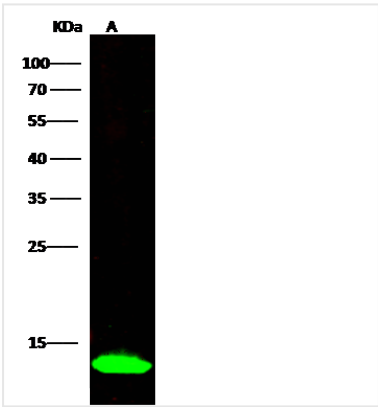
CATALOG # AAA254329	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Western Blot
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

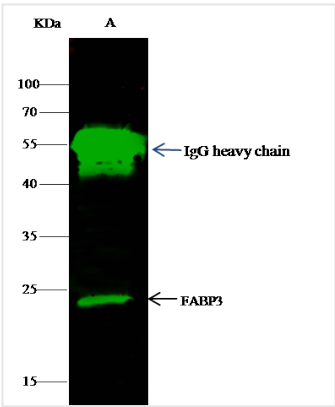
FABP3; Polyclonal Antibody; Anti-FABP3 Antibody; Rabbit Polyclonal; FABP3/H-FABP Antibody; Rabbit PAb; Antigen Affinity Purified; fatty acid binding protein 3; Anti-FABP11 Antibody; Anti-H-FABP Antibody; Anti-M-FABP Antibody; Anti-MDGI Antibody; Anti-O-FABP Antibody; anti-FABP3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human FABP3/H-FABP
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-FABP3 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human FABP3/H-FABP
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human FABP3/H-FABP, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



WB (Western Blot)
Anti-FABP3 rabbit polyclonal antibody at 1:500 dilution. Lane A: Mouse heart tissue lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG H&L (Dylight800) at 1/10000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 15 kDa. Observed band size: 13 kDa.



IP (Immunoprecipitation)
FABP3 was immunoprecipitated using: Lane A: 0.5 mg Jurkat Whole Cell Lysate. 2 uL anti-FABP3 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein G. Primary antibody: Anti-FABP3 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution. Developed using the Odyssey technique. Performed under reducing conditions. Predicted band size: 15 kDa. Observed band size: 22 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-FABP3 antibody	Fatty acid binding protein 3 (FABP3, also termed heart-type fatty acid binding protein) is a member of the intracellular lipid-binding protein family that may be essential in fatty acid transport, cell growth, cellular signaling and gene transcription. Previously FABP3 was involved in apoptosis-associated congenital cardiac malformations. FABP3 knockdown exhibited significant toxic effects on cardiac development and mitochondrial function, which may be responsible for the knockdown of FABP3-induced apoptosis. FABP3 as a candidate gene underlying the etiology of congenital heart defects. Overexpression of FABP3 inhibited cell growth and proliferation via negative regulation of the cell cycle and down-regulation of cell growth factors, but enhances cell survival in hypoxic or ischemic conditions. FABPs are known to be carrier proteins for transporting fatty acids and other lipophilic substances from the cytoplasm to the nucleus, where these lipids are released to a group of nuclear receptors such as peroxisome proliferator-activated receptors (PPARs).
Product Categories/Family for anti-FABP3 antibody	Cardiac Stem Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	119802
NCBI GeneID	2170
UniProt Accession #	P05413; Q5VV93; Q99957; B2RAB6
Molecular Weight	133
NCBI Official Full Name	Fatty acid-binding protein, heart
NCBI Official Synonym Full Names	fatty acid binding protein 3, muscle and heart
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://www.aaabiotech.com/polyclonal/fabp3-antibody-immunoprecipitation-western-blot-elisa/254329>