

Mouse anti-Human FABP4 Antibody | anti-FABP4 antibody

FABP4 Antibody

CATALOG # AAA108544	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
-------------------------------	----------------------	----------------------------	--

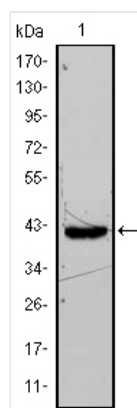
PRODUCT SYNONYMS

FABP4; FABP4 Antibody; aP2; A-FABP; anti-FABP4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	9B8D
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	132
Applicable Applications for anti-FABP4 antibody	ELISA, WB (Western Blot)
Immunogen	Purified recombinant fragment of FABP4 expressed in E. Coli.

IMAGES



Application Data

Figure 1. Western blot analysis using FABP4 mouse mAb against FABP4-hlgGfc transfected HEK293 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-FABP4 antibody

Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long chain fatty acids, their coenzymes and other hydrophobic ligands and small molecules in the cytoplasm. It is thought that the role of these proteins includes fatty acid uptake, intracellular lipid transport and metabolism. FABP4 encodes the fatty acid binding protein found in adipocytes. FABP4 knockout mice fed a high-fat and high-calorie diet become obese but develop neither insulin resistance nor diabetes, suggesting that this protein might be a link between obesity and insulin resistance and diabetes. A related study in humans indicated a similar pattern, suggesting that FABP4 may be a potential therapeutic target in the treatment of these disorders.

Product Categories/Family for anti-FABP4 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557579
NCBI GeneID	2167
NCBI Accession #	NP_001433.1
NCBI GenBank Nucleotide #	NM_001442.2
UniProt Accession #	P15090; Q6IBA1
Molecular Weight	14kDa
NCBI Official Full Name	fatty acid-binding protein, adipocyte
NCBI Official Synonym Full Names	fatty acid binding protein 4
NCBI Official Symbol	FABP4
NCBI Official Synonym Symbols	aP2; ALBP; AFABP; A-FABP; HEL-S-104
NCBI Protein Information	fatty acid-binding protein, adipocyte
UniProt Protein Name	Fatty acid-binding protein, adipocyte
UniProt Gene Name	FABP4
UniProt Synonym Gene Names	ALBP; A-FABP; AFABP

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/mouse-human-antibody/fabp4/108544>