

Mouse anti-Human FABP1 / L-FABP Monoclonal Antibody | anti-FABP1 antibody

Mouse Monoclonal [clone 2G4] (IgG1,k) to Human FABP1 / L-FABP

CATALOG # AAA51816	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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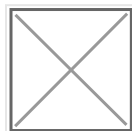
PRODUCT SYNONYMS

FABP1 / L-FABP; Monoclonal Antibody; Mouse Monoclonal [clone 2G4] (IgG1; k) to Human FABP1 / L-FABP; Anti-FABP1 / L-FABP Antibody (aa1-127; clone 2G4) IHC-plus; FABP1; FABPL; L-FABP; Fatty acid-binding protein 1; Human FABP1; anti-FABP1 antibody

PRODUCT SPECIFICATIONS

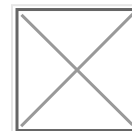
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2G4
Purity/Purification	Protein G Purified
Form/Format	PBS, pH 7.4, 0.1% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	127
Applicable Applications for anti-FABP1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant human FABP1 (1-127aa) purified from E Coli. NCBI Accession No.: NP_001434.
Immunogen Type	Recombinant protein
Immunogen	FABP1 / L-FABP antibody was raised against recombinant human FABP1 (1-127aa) purified from E Coli. NCBI Accession No.: NP_001434.
Antigen Modification	aa1-127
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C; Avoid freeze-thaw cycles.

IMAGES



WB (Western Blot)

Cell lysates of HepG2 (30 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human FABP1 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



IHC (Immunohistochemistry)

Anti-FABP1 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)

Anti-FABP1 antibody IHC of human liver. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-FABP1 antibody	FABP1 encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP1 and FABP6 (the ileal fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557577
NCBI GeneID	2168
NCBI Accession #	NP_001434.1
NCBI GenBank Nucleotide #	NM_001443.2
UniProt Accession #	P07148
Molecular Weight	14,208 Da
NCBI Official Full Name	fatty acid-binding protein, liver
NCBI Official Synonym Full Names	fatty acid binding protein 1, liver
NCBI Official Symbol	FABP1
NCBI Official Synonym Symbols	FABPL; L-FABP
NCBI Protein Information	fatty acid-binding protein, liver; fatty acid-binding protein 1; liver-type fatty acid-binding protein
UniProt Protein Name	Fatty acid-binding protein, liver
UniProt Gene Name	FABP1
UniProt Synonym Gene Names	FABPL; L-FABP
UniProt Entry Name	FABPL_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fabp1-l-fabp-antibody-clone-2g4-western-blot-immunohistochemistry-elisa/51816>