

Mouse anti-Human, Mouse FABP7 / BLBP / MRG Monoclonal Antibody | anti-FABP7 antibody

Mouse Monoclonal [clone AT1D1] (IgG2b,k) to Human FABP7 / BLBP / MRG

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA51899	Mouse	Human, Mouse	ELISA, Western Blot, Immunohistochemistry

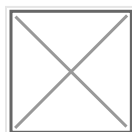
PRODUCT SYNONYMS

FABP7 / BLBP / MRG; Monoclonal Antibody; Mouse Monoclonal [clone AT1D1] (IgG2b; k) to Human FABP7 / BLBP / MRG; Anti-FABP7 / BLBP / MRG Antibody (aa1-132; clone AT1D1) IHC-plus; FABP7; B-FABP; BLBP; Brain lipid binding protein; Brain lipid-binding protein; FABPB; Fatty acid-binding protein 7; MRG; Human FABP7; anti-FABP7 antibody

PRODUCT SPECIFICATIONS

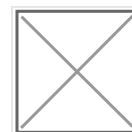
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	AT1D1
Purity/Purification	Protein G Purified
Form/Format	PBS, pH 7.4, 0.1% sodium azide. Sourced in Ascites.
Concentration	1 mg/ml (varies by lot)
Sequence Length	132
Applicable Applications for anti-FABP7 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant human FABP7 (1-132aa) purified from E Coli. NCBI Accession No.: NP_001437.
Immunogen Type	Recombinant protein
Immunogen	FABP7 / BLBP / MRG antibody was raised against recombinant human FABP7 (1-132aa) purified from E Coli. NCBI Accession No.: NP_001437.
Antigen Modification	aa1-132
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



WB (Western Blot)

Cell lysates of mouse brain (60 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human FABP7 (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



IHC (Immunohistochemistry)

Anti-FABP7 / BLBP antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)

Anti-FABP7 / BLBP antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-FABP7 antibody	FABP7 encodes the brain fatty acid binding protein. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557585
NCBI GeneID	2173
NCBI Accession #	NP_001437.1
NCBI GenBank Nucleotide #	NM_001446.3
UniProt Accession #	O15540; O14951; Q6IAU7; Q9H047; B2R4L1
Molecular Weight	18,829 Da
NCBI Official Full Name	fatty acid-binding protein, brain
NCBI Official Synonym Full Names	fatty acid binding protein 7, brain
NCBI Official Symbol	FABP7
NCBI Official Synonym Symbols	MRG; BLBP; FABPB; B-FABP; LTR2-FABP7
NCBI Protein Information	fatty acid-binding protein, brain; brain lipid binding protein; brain lipid-binding protein; fatty acid-binding protein 7; Hypothetical protein DKFZp547J2313; brain-type fatty acid-binding protein; mammary-derived growth inhibitor related; mammary-derived growth inhibitor-related
UniProt Protein Name	Fatty acid-binding protein, brain
UniProt Gene Name	FABP7
UniProt Synonym Gene Names	BLBP; FABPB; MRG; BLBP; B-FABP
UniProt Entry Name	FABP7_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/fabp7-blbp-mrg-antibody-clone-at1d1-western-blot-immunohistochemistry-elisa/51899>