

Rabbit FABP7 Polyclonal Antibody | anti-FABP7 antibody

FABP7 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286703	Rabbit	Human, mouse (Predicted Reactivity: Bovine, Chicken)	Immunohistochemistry, ELISA, Western Blot

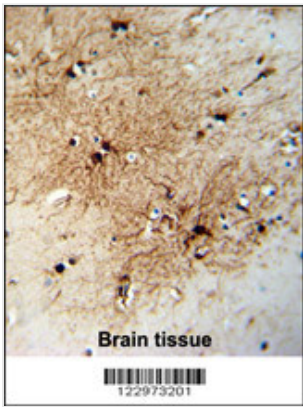
PRODUCT SYNONYMS

FABP7; Polyclonal Antibody; FABP7 Antibody (C-term); Fatty acid-binding protein; brain; Brain lipid-binding protein; BLBP; Brain-type fatty acid-binding protein; B-FABP; Fatty acid-binding protein 7; Mammary-derived growth inhibitor related; FABPB; MRG; anti-FABP7 antibody

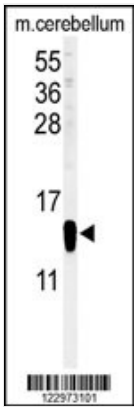
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine, Chicken)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This FABP7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 104-132 amino acids from the C-terminal region of human FABP7.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.33 (varies by lot)
Sequence Positions	104-132
Sequence Length	166
Applicable Applications for anti-FABP7 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
FABP7 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the FABP7 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of FABP7 Antibody (C-term) in mouse cerebellum tissue lysates (35ug/lane).FABP7 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-FABP7 antibody	FABP7 is a brain fatty acid binding protein. Fatty acid binding proteins (FABPs) are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs are thought to play roles in fatty acid uptake, transport, and metabolism.
Product Categories/Family for anti-FABP7 antibody	Metabolism; Neuroscience; Signal Transduction
References	Iwayama, Y., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (2), 484-493 (2010) Maekawa, M., et al. J. Hum. Genet. 55(2):127-130(2010) Goto, Y., et al. J. Invest. Dermatol. 130(1):221-229(2010)

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	14889
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
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/polyclonal/fabp7-antibody-immunohistochemistry-western-blot-elisa/286703>