

Rabbit anti-Human FABP7 Polyclonal Antibody | anti-FABP7 antibody

FABP7 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40208	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

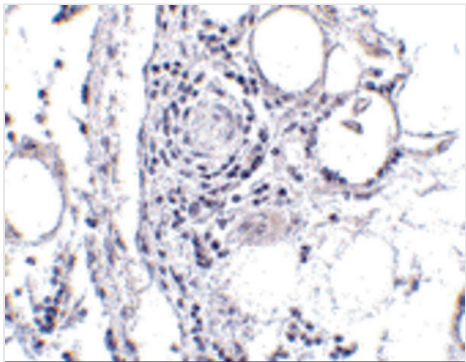
PRODUCT SYNONYMS

FABP7; Polyclonal Antibody; FABP7 Antibody; MRG; BLBP; FABPB; B-FABP; Fatty acid-binding protein; brain; Brain lipid-binding protein; fatty acid binding protein 7; anti-FABP7 antibody

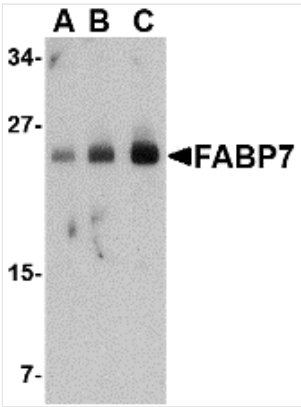
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	FABP7 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	166
Applicable Applications for anti-FABP7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	FABP7 antibody was raised against a 17 amino acid synthetic peptide from near the center of human FABP7.
Buffer	FABP7 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	FABP7 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of FABP7 in human breast tissue with FABP7 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of FABP7 in human breast tissue lysate with FABP7 antibody at (A) 0.5, (B) 1 and (C) 2 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-FABP7 antibody	FABP7 Antibody: FABP7 was initially isolated from a human fetal brain cDNA library and whose mRNA was expressed in adult brain and muscle tissues at low levels. The protein encoded by this gene is a member of the fatty acid binding protein (FABPs) family, a group 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. FABP7 is a downstream gene of the Pax6 transcription factor and has been suggested to be essential for the maintenance of neuroepithelial cells during early cortical development. More recently, FABP7 was found to be frequently expressed in melanomas. Down-regulation of FABP7 through RNAi expression could may potentially reduce in vitro cell proliferation and Matrigel invasion.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119568551
NCBI GeneID	2173
UniProt Accession #	O15540; O14951; Q6IAU7; Q9H047; B2R4L1
Molecular Weight	18,829 Da
NCBI Official Full Name	fatty acid binding protein 7, brain, isoform CRA_b, partial
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.