

FABP7 Rabbit pAb

Catalog # AP99400

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q15540
Other Accession	Q15540
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14889
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FABP7
Epitope Specificity	1-100/132
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
SUBUNIT	Monomer.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene 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. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	2173
Other Names	B-FABP; BLBP; FABPB; MRG; BFABP; FABP7_HUMAN; FABP7; Brain lipid-binding protein (BLBP); Brain-type fatty acid-binding protein (B-FABP); Fatty acid-binding protein 7; Mammary-derived growth inhibitor related; FABP7_MOUSE; fatty acid binding protein 7; fatty acid binding protein 7, brain; brain lipid binding protein
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,Flow-Cyt=2ug/Test
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	FABP7
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Synonyms	BLBP, FABPB, MRG
Function	B-FABP could be involved in the transport of a so far unknown hydrophobic ligand with potential morphogenic activity during CNS development. It is required for the establishment of the radial glial fiber system in developing brain, a system that is necessary for the migration of immature neurons to establish cortical layers (By similarity).
Cellular Location	Cytoplasm.
Tissue Location	Expressed in brain and other neural tissues.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.