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FABP7 Antibody

Mouse Monoclonal Antibody
Catalog # AI10001

Product Information

Application	WB
Primary Accession	O15540
Other Accession	O15540, NP_001437, NM_001446
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1, k
Clone Names	7D2
Calculated MW	14889

Additional Information

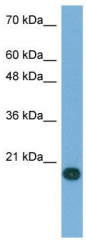
Gene ID	2173
Alias Symbol	MRG, BLBP, FABPB, B-FABP, DKFZp547J2313, FABP7
Other Names	Fatty acid-binding protein, brain, Brain lipid-binding protein, BLBP, Brain-type fatty acid-binding protein, B-FABP, Fatty acid-binding protein 7, Mammary-derived growth inhibitor related, FABP7, BLBP, FABPB, MRG
Target/Specificity	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.
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100ul of distilled water. Final anti-FABP7 antibody concentration is 1 mg/ml in PBS buffer. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.
Precautions	FABP7 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	FABP7
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.

Images



FABP7 Antibody (AI10001) in Human brain cells using Western Blot
WB Suggested Anti-FABP7 Antibody Titration: 0.5 µg/ml
Positive Control: Human brain

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