

# FABP7 Antibody

Mouse Monoclonal Antibody

Catalog # AI10001

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">O15540</a>
<b>Other Accession</b>	<a href="#">O15540</a> , <a href="#">NP_001437</a> , <a href="#">NM_001446</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Mouse IgG1, k
<b>Clone Names</b>	7D2
<b>Calculated MW</b>	14889

## Additional Information

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<b>Gene ID</b>	2173
<b>Alias Symbol</b>	MRG, BLBP, FABPB, B-FABP, DKFZp547J2313, FABP7
<b>Other Names</b>	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
<b>Target/Specificity</b>	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.
<b>Format</b>	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
<b>Reconstitution &amp; Storage</b>	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.
<b>Precautions</b>	FABP7 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

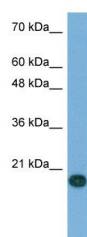
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<b>Name</b>	FABP7
<b>Synonyms</b>	BLBP, FABPB, MRG

<b>Function</b>	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).
<b>Cellular Location</b>	Cytoplasm.
<b>Tissue Location</b>	Expressed in brain and other neural tissues.

## Images

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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'.