

FABP7 Antibody
Mouse Monoclonal Antibody
Catalog # AI10001**Specification**

FABP7 Antibody - Product Information

Application	WB
Primary Accession	O15540
Other Accession	O15540 , NP_001437 , NM_001446
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1, k
Calculated MW	15 kDa KDa

FABP7 Antibody - Additional Information**Gene ID 2173**

Alias Symbol	MRG, BLBP, FABPB, B-FABP, DKFZp547J2313, FABP7
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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.

FABP7 Antibody - 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.

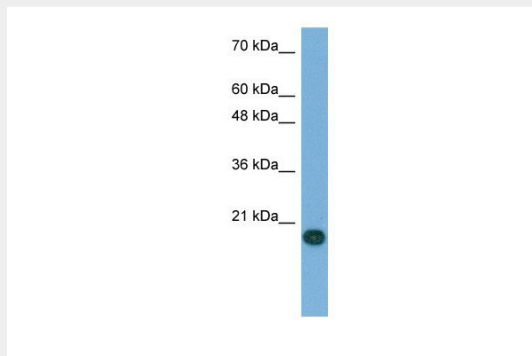
Tissue Location

Expressed in brain and other neural tissues.

FABP7 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FABP7 Antibody - Images

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