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# FABP7 Rabbit pAb

Catalog # AP99400

## Product Information

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| **Application** | IHC-P, IHC-F, IF |
| **Primary Accession** | O15540 |
| **Other Accession** | O15540 |
| **Reactivity** | Rat, Human, Mouse |
| **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

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| **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

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| **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. |

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