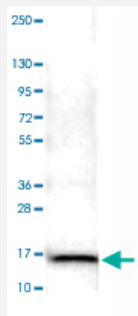


# FABP7 monoclonal antibody, clone CL0236

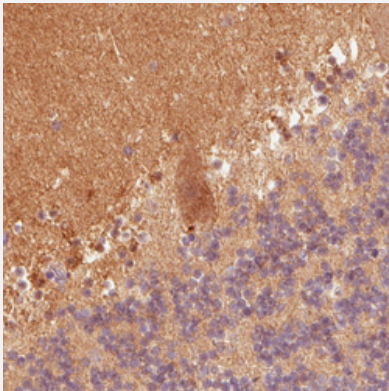
Catalog # MAB15573      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of U-251 MG cell lysate with FABP7 monoclonal antibody, clone CL0236 (Cat # MAB15573).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebellum with FABP7 monoclonal antibody, clone CL0236 (Cat # MAB15573) shows positivity in the molecular cell layer and Purkinje cells.

## Specification

|                            |  |
|----------------------------|--|
| <b>Product Description</b> | Mouse monoclonal antibody raised against partial recombinant human FABP7.  |
| <b>Immunogen</b>           | Recombinant protein corresponding to human FABP7.  |
| <b>Epitope</b>             | This antibody binds to an epitope located within the peptide sequence VTKPTVIISQEGDKV as determined by overlapping synthetic peptides. |
| <b>Sequence</b>            | MVEAFCATWKL TNSQNFDEYMKALGVGFATRQVGNVTKPTVIISQEGDKVVIRTLSTFKNTEISFQLGEEFDETTADDRNCK  |
| <b>Host</b>                | Mouse  |

|                     |   |
|---------------------|---|
| Reactivity          | Human   |
| Form                | Liquid  |
| Purification        | Protein A purification  |
| Isotype             | IgG1  |
| Recommend Usage     | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500)<br>Western Blot (1:500-1:1000)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).  |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.  |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |

## Applications

- Western Blot (Cell lysate)

Western Blot analysis of U-251 MG cell lysate with FABP7 monoclonal antibody, clone CL0236 (Cat # MAB15573).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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## Gene Info — FABP7

|                    |   |
|--------------------|---|
| Entrez GeneID      | <a href="#">2173</a>                    |
| Protein Accession# | <a href="#">O15540</a>                  |
| Gene Name          | FABP7                                   |
| Gene Alias         | B-FABP, BLBP, DKFZp547J2313, FABPB, MRG |
| Gene Description   | fatty acid binding protein 7, brain     |
| Omim ID            | <a href="#">602965</a>                  |
| Gene Ontology      | <a href="#">Hyperlink</a>               |

**Gene Summary**

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]

**Other Designations**

OTTHUMP00000017118|brain lipid binding protein|mammary-derived growth inhibitor-related

**Pathway**

- [PPAR signaling pathway](#)

**Disease**

- [Autistic Disorder](#)
- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)