

# GFAP rabbit monoclonal antibody

Catalog # H00002670-K

Size 100 ug x up to 3

## Specification

|                                |  |
|--------------------------------|--|
| <b>Product Description</b>     | Rabbit monoclonal antibody raised against a human GFAP peptide using ARM Technology.   |
| <b>Immunogen</b>               | A synthetic peptide of human GFAP is used for rabbit immunization.<br>Customer or Abnova will decide on the preferred peptide sequence.  |
| <b>Host</b>                    | Rabbit   |
| <b>Library Construction</b>    | Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).   |
| <b>Expression</b>              | Overexpression vector and transfection into 293H cell line.  |
| <b>Reactivity</b>              | Human  |
| <b>Purification</b>            | Protein A  |
| <b>Isotype</b>                 | IgG  |
| <b>Quality Control Testing</b> | Antibody reactive against human GFAP peptide by ELISA and mammalian transfected lysate by Western Blot.  |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4  |
| <b>Storage Instruction</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.   |
| <b>Deliverable</b>             | Up to three rabbit IgG clones of 100 ug each will be delivered to customer.  |
| <b>Note</b>                    | 1. Customer may provide cell or tissue lysate for antibody screening.<br>2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — GFAP

|                     |  |
|---------------------|--|
| Entrez GeneID       | <a href="#">2670</a>   |
| GeneBank Accession# | <a href="#">GFAP</a>   |
| Gene Name           | GFAP   |
| Gene Alias          | FLJ45472   |
| Gene Description    | glial fibrillary acidic protein  |
| Omim ID             | <a href="#">137780</a> <a href="#">203450</a>  |
| Gene Ontology       | <a href="#">Hyperlink</a>  |
| Gene Summary        | This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq] |
| Other Designations  | -  |

## Disease

- [Alzheimer disease](#)
- [Cognition](#)