

## PPEF1 rabbit monoclonal antibody

Catalog # H00005475-K

Size 100 ug x up to 3

### Specification

|                                |  |
|--------------------------------|--|
| <b>Product Description</b>     | Rabbit monoclonal antibody raised against a human PPEF1 peptide using ARM Technology.  |
| <b>Immunogen</b>               | A synthetic peptide of human PPEF1 is used for rabbit immunization. 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 PPEF1 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 — PPEF1

|                     |   |
|---------------------|---|
| Entrez GeneID       | <a href="#">5475</a>  |
| GeneBank Accession# | <a href="#">PPEF1</a>   |
| Gene Name           | PPEF1   |
| Gene Alias          | PP7, PPEF, PPP7C  |
| Gene Description    | protein phosphatase, EF-hand calcium binding domain 1   |
| Omim ID             | <a href="#">300109</a>  |
| Gene Ontology       | <a href="#">Hyperlink</a>   |
| Gene Summary        | <p>This gene encodes a member of the serine/threonine protein phosphatase with EF-hand motif family. The protein contains a protein phosphatase catalytic domain, and at least two EF-hand calcium-binding motifs in its C terminus. Although its substrate(s) is unknown, the encoded protein has been suggested to play a role in specific sensory neuron function and/or development. This gene shares high sequence similarity with the Drosophila retinal degeneration C (rdgC) gene. Several alternatively spliced transcript variants, each encoding a distinct isoform, have been described. [provided by RefSeq]</p> |
| Other Designations  | OTTHUMP00000023006 protein phosphatase with EF hand calcium-binding domain 1 protein phosphatase, EF hand calcium-binding domain 1 protein phosphatase, serine/threonine type, with EF-hands serine/threonine protein phosphatase 7   |