

# ACP2 rabbit monoclonal antibody

Catalog # H00000053-K      Size 100 ug x up to 3

## Specification

|                                |  |
|--------------------------------|--|
| <b>Product Description</b>     | Rabbit monoclonal antibody raised against a human ACP2 peptide using ARM Technology.   |
| <b>Immunogen</b>               | A synthetic peptide of human ACP2 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 ACP2 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 — ACP2

|                     |  |
|---------------------|--|
| Entrez GeneID       | <a href="#">53</a>   |
| GeneBank Accession# | <a href="#">ACP2</a>   |
| Gene Name           | ACP2   |
| Gene Alias          | -  |
| Gene Description    | acid phosphatase 2, lysosomal  |
| Omim ID             | <a href="#">171650</a>   |
| Gene Ontology       | <a href="#">Hyperlink</a>  |
| Gene Summary        | <p>This gene encodes the beta subunit of lysosomal acid phosphatase (LAP). LAP is chemically and genetically distinct from red cell acid phosphatase. The encoded protein belongs to a family of distinct isoenzymes which hydrolyze orthophosphoric monoesters to alcohol and phosphate. Mutations in this gene or in the related alpha subunit gene cause acid phosphatase deficiency. Multiple alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq]</p> |
| Other Designations  | -  |

## Pathway

- [gamma-Hexachlorocyclohexane degradation](#)
- [Lysosome](#)
- [Riboflavin metabolism](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)
- [Supranuclear Palsy](#)