

# APOL2 rabbit monoclonal antibody

Catalog # H00023780-K      Size 100 ug x up to 3

## Specification

|                                |  |
|--------------------------------|--|
| <b>Product Description</b>     | Rabbit monoclonal antibody raised against a human APOL2 peptide using ARM Technology.  |
| <b>Immunogen</b>               | A synthetic peptide of human APOL2 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 APOL2 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 — APOL2

|                     |  |
|---------------------|--|
| Entrez GeneID       | <a href="#">23780</a>  |
| GeneBank Accession# | <a href="#">APOL2</a>  |
| Gene Name           | APOL2  |
| Gene Alias          | APOL-II, APOL3   |
| Gene Description    | apolipoprotein L, 2  |
| Omim ID             | <a href="#">181500 607252</a>  |
| Gene Ontology       | <a href="#">Hyperlink</a>  |
| Gene Summary        | This gene is a member of the apolipoprotein L gene family. The encoded protein is found in the cytoplasm, where it may affect the movement of lipids or allow the binding of lipids to organelles. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq] |
| Other Designations  | OTTHUMP00000028936 apolipoprotein L-II apolipoprotein L2   |

## Disease

- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Schizophrenia](#)