# VPS39 rabbit monoclonal antibody

Catalog #   H00023339-K      Size    100 ug x up to 3

## Specification

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|---|---|
| **Product Description** | Rabbit monoclonal antibody raised against a human VPS39 peptide using ARM Technology. |
| **Immunogen** | A synthetic peptide of human VPS39 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence. |
| **Host** | Rabbit |
| **Library Construction** | Non-fusion antibody library from rabbit spleen (ARM Technology). |
| **Expression** | Overexpression vector and transfection into 293H cell line. |
| **Reactivity** | Human |
| **Purification** | Protein A |
| **Isotype** | IgG |
| **Quality Control Testing** | Antibody reactive against human VPS39 peptide by ELISA and mammalian transfected lysate by Western Blot. |
| **Storage Buffer** | In 1x PBS, pH 7.4 |
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| **Deliverable** | Up to three rabbit IgG clones of 100 ug each will be delivered to customer. |
| **Note** | 1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab)$_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request. |

## Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

## Gene Info — VPS39

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|---|---|
| **Entrez GeneID** | 23339 |
| **GeneBank Accession#** | VPS39 |
| **Gene Name** | VPS39 |
| **Gene Alias** | FLJ21681, FLJ46546, KIAA0770, TLP, VAM6, hVam6p |
| **Gene Description** | vacuolar protein sorting 39 homolog (S. cerevisiae) |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes a protein that may promote clustering and fusion of late endosomes and lysosomes. The protein may also act as an adaptor protein that modulates the transforming growth factor-beta response by coupling the transforming growth factor-beta receptor complex to the Smad pathway. [provided by RefSeq |
| **Other Designations** | TRAP1-like protein\|Vam6/Vps39-like\|vacuolar protein sorting 39 |

## Disease

- Cardiovascular Diseases

- Diabetes Mellitus

- Edema