

## Rabbit anti-Human, Mouse PMVK Polyclonal Antibody | anti-PMVK antibody

Rabbit anti-PMVK Antibody, Affinity Purified

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                      |
|-----------|--------|--------------|-----------------------------------|
| AAA213332 | Rabbit | Human, Mouse | Immunoprecipitation, Western Blot |

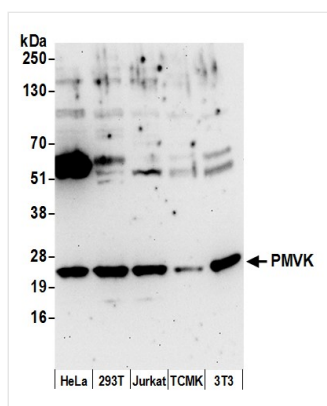
### PRODUCT SYNONYMS

PMVK; Polyclonal Antibody; Rabbit anti-PMVK Antibody; Affinity Purified; PMKASE; POROK1; PMKA; PMK; phosphomevalonate kinase; HUMPMKI; hPMK; testis tissue sperm-binding protein Li 95mP; Phosphomevalonate kinase; anti-PMVK antibody

### PRODUCT SPECIFICATIONS

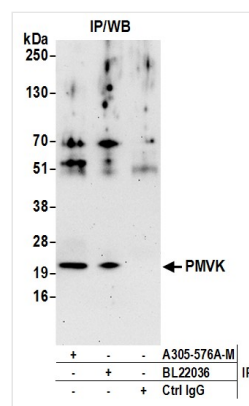
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse                                                                              |
| Clonality                                      | Polyclonal                                                                                |
| Purity/Purification                            | Antigen Affinity Purified                                                                 |
| Form/Format                                    | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| Concentration                                  | 1000ug/ml (varies by lot)                                                                 |
| Applicable Applications for anti-PMVK antibody | IP (Immunoprecipitation), WB (Western Blot)                                               |
| Predicted Reactivity                           | Bovine                                                                                    |
| Immunogen                                      | Between 142 and C-terminus                                                                |
| Conjugation                                    | Unconjugated                                                                              |
| Preparation and Storage                        | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### WB (Western Blot)

Detection of human and mouse PMVK by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PMVK antibody (AAA213332 lot 1) used for WB at 0.4 mg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



#### IP (Immunoprecipitation)

Detection of human PMVK by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PMVK antibody (AAA213332 lot 1) used for IP at 6 ug per reaction. PMVK was also immunoprecipitated by rabbit anti-PMVK antibody BL22036. For blotting immunoprecipitated PMVK, AAA213332 was used at 0.4 mg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PMVK antibody | PMVK is a peroxisomal enzyme that is a member of the galactokinase, homoserine kinase, mevalonate kinase, and phosphomevalonate kinase (GHMP) family of ATP-dependent enzymes. PMVK protein catalyzes the conversion of mevalonate 5-phosphate to mevalonate 5-diphosphate, which is the fifth step in the mevalonate pathway of isoprenoid biosynthesis [taken from NCBI Entrez Gene (Gene ID: 10654)]. |
| Product Categories/Family for anti-PMVK antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                    |
|----------------------------------|------------------------------------|
| NCBI GI #                        | 5729980                            |
| NCBI GeneID                      | 10654                              |
| NCBI Accession #                 | NP_006547.1                        |
| NCBI GenBank Nucleotide #        | NM_006556.3                        |
| UniProt Accession #              | Q15126; Q5TZW9                     |
| Molecular Weight                 | 21,995 Da                          |
| NCBI Official Full Name          | phosphomevalonate kinase           |
| NCBI Official Synonym Full Names | phosphomevalonate kinase           |
| NCBI Official Symbol             | PMVK                               |
| NCBI Official Synonym Symbols    | PMK; PMKA; PMKASE; POROK1; HUMPMKI |
| NCBI Protein Information         | phosphomevalonate kinase           |
| UniProt Protein Name             | Phosphomevalonate kinase           |
| UniProt Gene Name                | PMVK                               |
| UniProt Synonym Gene Names       | PMKI; PMKase; hPMK                 |
| UniProt Entry Name               | PMVK_HUMAN                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pmvk-antibody-immunoprecipitation-western-blot-elisa/213332>