

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

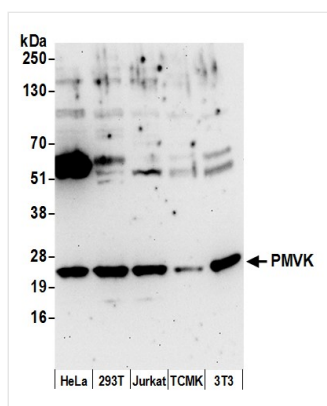
PRODUCT SYNONYMS

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

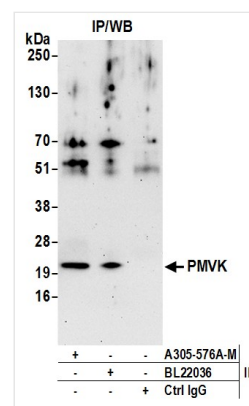
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PMVK antibody	IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Bovine
Immunogen	Between 142 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C 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://stage.aaabiotech.com/polyclonal/pmvk-antibody-immunoprecipitation-western-blot-elisa/213332>