

Rabbit PMVK Polyclonal Antibody | anti-PMVK antibody

Anti-PMVK antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45021	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot

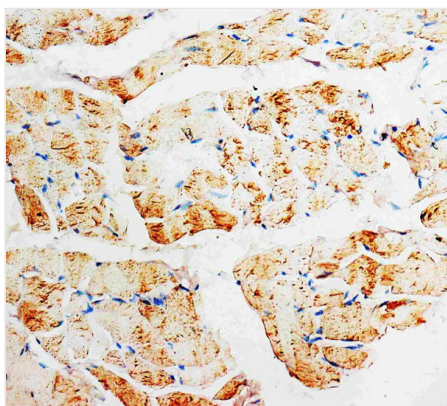
PRODUCT SYNONYMS

PMVK; Polyclonal Antibody; Anti-PMVK antibody; Phosphomevalonate kinase(PMKase/hPMK); phosphomevalonate kinase; hPMK antibody; HUMPMKI antibody; OTTHUMP00000035546 antibody; Phosphomevalonate kinase antibody; PMK antibody; PMK PEN antibody; PMKA antibody; PMKase antibody; PMKI antibody; PMKPEN antibody; PMVK antibody; PMVK_HUMAN antibody; anti-PMVK antibody

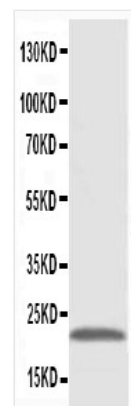
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	192
Applicable Applications for anti-PMVK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human PMVK (135-151aa EQSRQQRGWVFTPGVDD), identical to the related mouse sequence, and different from the related rat sequence by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES


IHC (Immunohistochemistry)

Anti-PMVK antibody, AAA45021, IHC(P)IHC(P): Rat Skeletal Muscle Tissue


WB (Western Blot)

Anti-PMVK antibody, AAA45021, Western blottingWB: Rat Cardiac Muscle Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-PMVK antibody	Description: Rabbit IgG polyclonal antibody for Phosphomevalonate kinase(PMVK) detection. Tested with WB, IHC-P in Human, Mouse, Rat. Background: PMVK(phosphomevalonate kinase) is a cytosolic enzyme that catalyzes the conversion of mevalonate-5-phosphate to mevalonate-5-diphosphate. It is mapped to chromosome 1p13-1q22-23 and spans more than 8.4 kb in the human genome. PMVK is a peroxisomal protein which requires the C-terminal peroxisomal targeting signal, Ser-Arg-Leu, for localization to the organelle. It was expressed highly in heart, liver, skeletal muscle, kidney and pancreas and slightly lower in brain, placenta, and lung. And PMKase gene expression is subject to regulation by sterol at the level of transcription. It is a single copy gene covering less than 15 kb in the human genome. The human PMKase amino acid sequence contains a consensus peroxisomal targeting sequence(PTS-1), Ser-Arg-Leu, at the C terminus of the protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3024422
NCBI GeneID	10654
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; HUMPMKI
NCBI Protein Information	phosphomevalonate kinase; hPMK
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-immunohistochemistry-western-blot-elisa/45021>