

Rabbit anti-Human PMVK Polyclonal Antibody | anti-PMVK antibody

Anti-PMVK Antibody, Rabbit Polyclonal

CATALOG # AAA255777	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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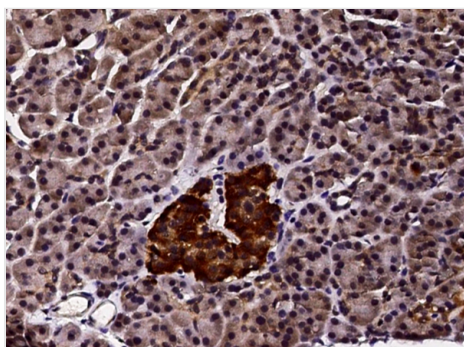
PRODUCT SYNONYMS

PMVK; Polyclonal Antibody; Anti-PMVK Antibody; Rabbit Polyclonal; PMVK/phosphomevalonate kinase Antibody; Rabbit PAb; Antigen Affinity Purified; phosphomevalonate kinase; Anti-HUMPMKI Antibody; Anti-PMK Antibody; Anti-PMKA Antibody; Anti-PMKASE Antibody; anti-PMVK antibody

PRODUCT SPECIFICATIONS

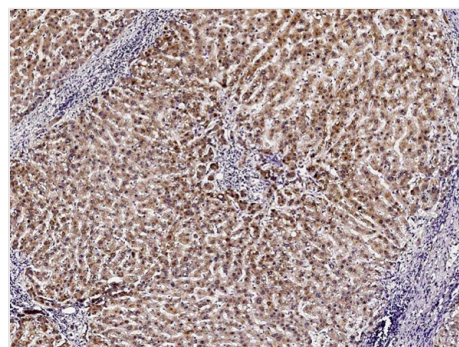
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human PMVK/phosphomevalonate kinase
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PMVK antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human PMVK/phosphomevalonate kinase protein
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with purified, recombinant Human PMVK/phosphomevalonate kinase (rh PMVK/phosphomevalonate kinase). PMVK/phosphomevalonate kinase specific IgG was purified by Human PMVK/phosphomevalonate kinase affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



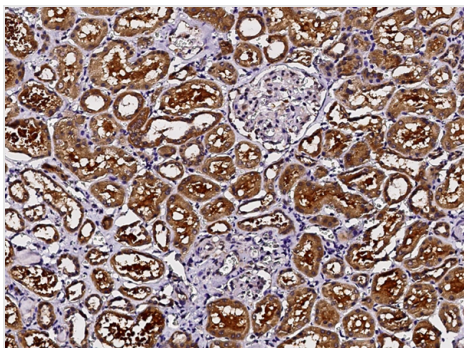
IHC (Immunohistochemistry)

Immunochemical staining of human PMVK in human pancreas with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



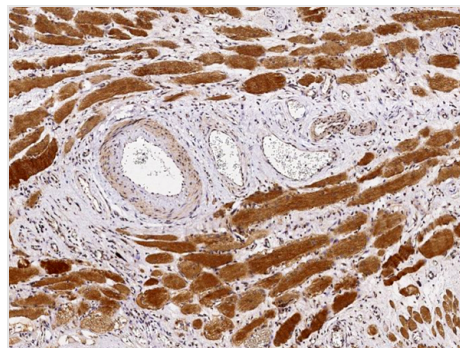
IHC (Immunohistochemistry)

Immunochemical staining of human PMVK in human liver with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human PMVK in human kidney with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)

Immunochemical staining of human PMVK in human epididymis with rabbit polyclonal antibody (1:1000, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-PMVK antibody	PMVK is a peroxisomal enzyme that catalyzes the conversion of mevalonate 5-phosphate into mevalonate 5-diphosphate, the fifth reaction of the cholesterol biosynthetic pathway. Studies in rat show that the message level and the enzyme activity of PMVK is regulated by sterol, and that this regulation is coordinated with 3-hydroxy-3-methylglutaryl coenzyme A reductase, the rate-limiting enzyme of cholesterol biosynthesis.
References	Chambliss K.L., et al., (1996), Molecular cloning of human phosphomevalonate kinase and identification of a consensus peroxisomal targeting sequence. J. Biol. Chem. 271:17330-17334. Olivier L.M., et al., (1999), Characterization of phosphomevalonate kinase: chromosomal localization, regulation, and subcellular targeting. J. Lipid Res. 40:672-679. Herdendorf T.J., et al., (2006), Phosphomevalonate kinase: functional investigation of the recombinant human enzyme. Biochemistry 45:3235-3242.

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.