

**PMVK rabbit pAb****Cat#: orb774690 (Manual)**

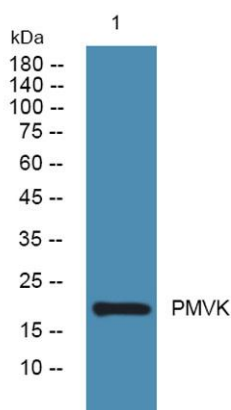
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<b>Product Name</b>	PMVK rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	PMVK Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Phosphomevalonate kinase (PMKase) (hPMK) (EC 2.7.4.2)
<b>Gene Name</b>	PMVK PMKI
<b>Cellular localization</b>	Cytoplasm, cytosol .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	21kD
<b>Human Gene ID</b>	10654
<b>Human Swiss-Prot Number</b>	Q15126
<b>Alternative Names</b>	

### Background

This gene encodes 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 this protein 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. [provided by RefSeq, Sep 2011],



**Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night**