

Immunotag™
 PMVK Polyclonal Antibody

Antibody Specification	
Catalog No.	ITN2869
Product Description	Immunotag™ PMVK Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	PMVK
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PMVK Polyclonal Antibody detects endogenous levels of protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Gene Name	PMVK PMKI
Accession No.	Q15126 Q9D1G2
Description	phosphomevalonate kinase(PMVK) Homo sapiens 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],

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Cell Pathway/ Category	Terpenoid backbone biosynthesis,
Protein Expression	Liver,Skin,Testis,Uterus,
Subcellular Localization	cytoplasm,peroxisome,cytosol,membrane,extracellular exosome,
Protein Function	catalytic activity:ATP + (R)-5-phosphomevalonate = ADP + (R)-5-diphosphomevalonate.,induction:By sterol.,pathway:Isoprenoid biosynthesis; isopentenyl-PP biosynthesis via mevalonic acid pathway; isopentenyl-PP from (R)-mevalonic acid: step 2/3.,subunit:Monomer.,tissue specificity:Heart, liver, skeletal muscle, kidney, and pancreas. Lower level in brain, placenta, and lung.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.