

**PMVK Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58293**

**Specification**

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**PMVK Polyclonal Antibody - Product Information**

Application	<b>IHC-P, WB</b>
Primary Accession	<a href="#">O15126</a>
Reactivity	<b>Rat, Pig, Bovine</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>21995</b>

**PMVK Polyclonal Antibody - Additional Information**

**Gene ID** 10654

**Other Names**

Phosphomevalonate kinase, PMKase, hPMK, 2.7.4.2, PMVK, PMKI

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**PMVK Polyclonal Antibody - Protein Information**

**Name** PMVK

**Synonyms** PMKI

**Function**

Catalyzes the reversible ATP-dependent phosphorylation of mevalonate 5-phosphate to produce mevalonate diphosphate and ADP, a key step in the mevalonic acid mediated biosynthesis of isopentenyl diphosphate and other polyisoprenoid metabolites.

**Cellular Location**

Cytoplasm, cytosol

**Tissue Location**

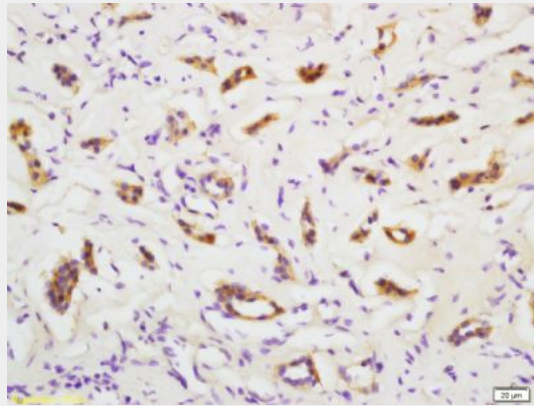
Heart, liver, skeletal muscle, kidney, and pancreas. Lower level in brain, placenta and lung

**PMVK Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

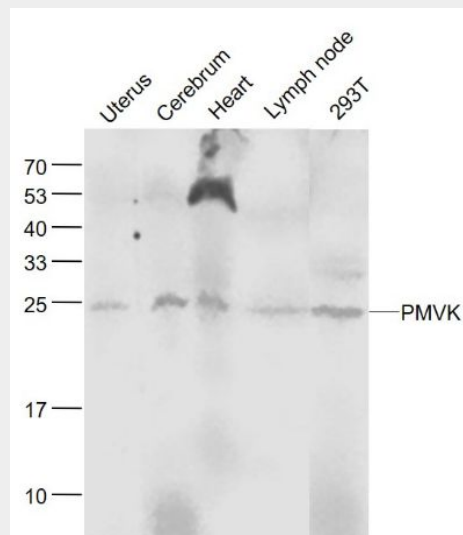
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### PMVK Polyclonal Antibody - Images



Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;  
Antigen retrieval: citrate buffer ( 0.01M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-PMVK Polyclonal Antibody, Unconjugated(bs-5371R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



#### Sample:

Uterus (Mouse) Lysate at 40 ug  
Cerebrum (Mouse) Lysate at 40 ug  
Heart (Mouse) Lysate at 40 ug

Lymph node (Mouse) Lysate at 40 ug  
293T(Human) Cell Lysate at 30 ug  
Primary: Anti-PMVK (bs-5371R) at 1/1000 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 22 kD  
Observed band size: 24 kD