



WL05131

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Phosphomevalonate kinase Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	Western blot	1:500-1:1000

**Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.*

Molecular Wt.	22 kDa
Pack size	50/100/200/500/1000 μ l
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background

PMKA also known as PMK, PMVA, PMKASE peroxisomal enzyme that is a member of the galactokinase, homoserine kinase, mevalonate kinase, and phosphomevalonate kinase (GHMP) family of ATP-dependent enzymes. Induced by sterol, PMVK participates in isopentenyl diphosphate biosynthesis via the mevalonate pathway. PMVK catalyzes the conversion of mevalonate 5-phosphate into mevalonate 5-diphosphate in the fifth reaction of the cholesterol biosynthetic pathway.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Phosphomevalonate kinase.

Purification

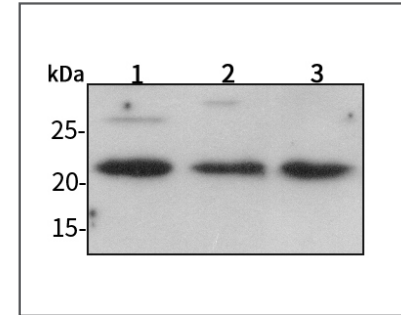
Polyclonal antibody was purified by immunogen affinity chromatography.



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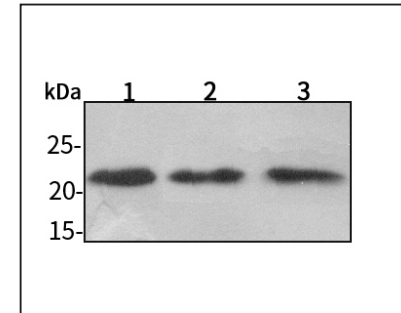
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Product Images



Western blot-Anti-Phosphomevalonate kinase pAb

Lane 1: Human MCF-7 cell lysate 20 μ g
 Lane 2: Human HEK-293 cell lysate 20 μ g
 Lane 3: Human HUVEC cell lysate 20 μ g
 Separation gel: 15% polyacrylamide
 Electrophoresis: 100V, 4°C, 3h
 Transmembrane: 100V, 4°C, 1h
 Blocking: 5% w/v nonfat dry milk, 1 \times TBST, at RT with gentle shaking
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min
 Detection: ECL, 30s-2min



Western blot-Anti-Phosphomevalonate kinase pAb

Lane 1: Mouse liver tissue lysate 10 μ g
 Lane 2: Rat colon tissue lysate 10 μ g
 Lane 3: Rat stomach tissue lysate 10 μ g
 Separation gel: 15% polyacrylamide
 Electrophoresis: 100V, 4°C, 3h
 Transmembrane: 100V, 4°C, 1h
 Blocking: 5% w/v nonfat dry milk, 1 \times TBST, at RT with gentle shaking
 Primary antibody: 1:1000 in blocking buffer, 4°C, overnight
 Secondary antibody (WLA023a) : 1:5000-1:10000, 45min
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