

## Datasheet for ABIN631917 **anti-MVK antibody (N-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	MVK
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MVK antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	MVK antibody was raised using the N terminal of MVK corresponding to a region with amino acids LAVLAFLYLYLSICRKQRALPSLDIVVWSELPPGAGLGSSAAYSVCLAAA
Specificity:	MVK antibody was raised against the N terminal of MVK
Purification:	Affinity purified

#### Target Details

Target:	MVK
Alternative Name:	MVK ( <a href="#">MVK Products</a> )
Background:	MVK is the peroxisomal enzyme mevalonate kinase. Mevalonate is a key intermediate, and mevalonate kinase a key early enzyme, in isoprenoid and sterol synthesis. Mevalonate kinase deficiency caused by mutation of this gene results in mevalonic aciduria, a disease

## Target Details

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characterized psychomotor retardation, failure to thrive, hepatosplenomegaly, anemia and recurrent febrile crises. Defects in this gene also cause hyperimmunoglobulinaemia D and periodic fever syndrome, a disorder characterized by recurrent episodes of fever associated with lymphadenopathy, arthralgia, gastrointestinal dismay and skin rash.

Molecular Weight: 42 kDa (MW of target protein)

## Application Details

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Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: MVK Blocking Peptide, catalog no. 33R-4807, is also available for use as a blocking control in assays to test for specificity of this MVK antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of MVK antibody in PBS

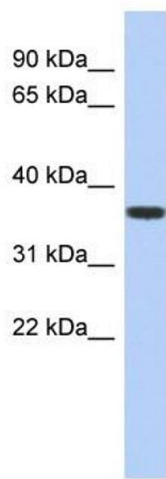
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** MVK antibody used at 1 ug/ml to detect target protein.