

Datasheet for ABIN2854359

**anti-MVK antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	MVK
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MVK antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human MVK. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to MVK (mevalonate kinase) MVK antibody [N1C2]
Purification:	Purified by antigen-affinity chromatography.

## Target Details

Target:	MVK
Alternative Name:	mevalonate kinase ( <a href="#">MVK Products</a> )

## Target Details

**Background:** This gene encodes 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 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. Two transcript variants that encode the same protein have been found for this gene.

Cellular Localization: Cytoplasm , Peroxisome

**Molecular Weight:** 42 kDa

**Gene ID:** 4598

**UniProt:** [Q03426](#)

## Application Details

**Application Notes:** WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

**Comment:** Positive Control: 293T

**Restrictions:** For Research Use only

## Handling

**Format:** Liquid

**Concentration:** 1 mg/mL

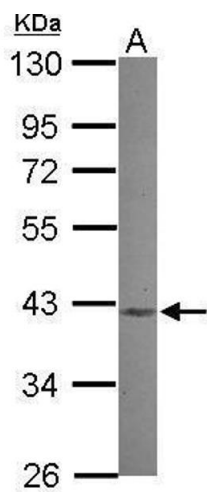
**Buffer:** 1XPBS ( pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal

**Preservative:** Thimerosal (Merthiolate)

**Precaution of Use:** This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C, -20 °C

**Storage Comment:** Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



Western Blotting

**Image 1.** WB Image Sample (30 ug of whole cell lysate) A:  
293T 10% SDS PAGE antibody diluted at 1:500