

## Product datasheet for **TA332632S**

### MVK Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human MVK
Formulation:	Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	396
Gene Name:	mevalonate kinase
Database Link:	<a href="#">NP_000422</a> <a href="#">Entrez Gene 4598 Human</a> <a href="#">Q03426</a>



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**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 distension and skin rash. Two transcript variants that encode the same protein have been found for this gene.

**Synonyms:**

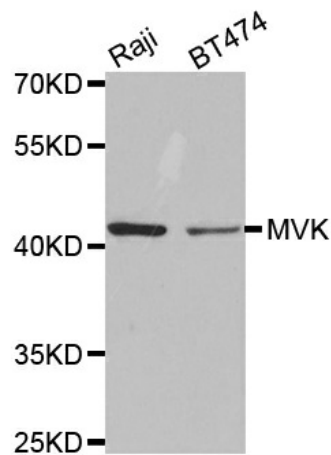
LRBP; MK; MVLK; POROK3

**Protein Families:**

Druggable Genome

**Protein Pathways:**

Metabolic pathways, Terpenoid backbone biosynthesis

**Product images:**

Western blot analysis of extracts of various cell lines, using MVK antibody.