

Rabbit MVK Polyclonal Antibody | anti-MVK antibody

MVK antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200545	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

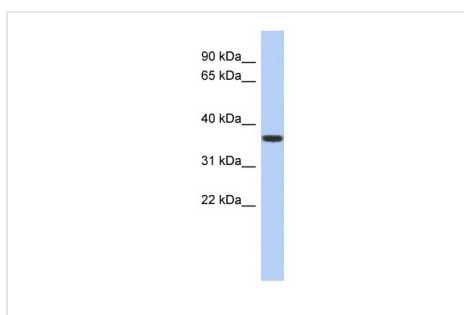
PRODUCT SYNONYMS

MVK; Polyclonal Antibody; MVK antibody - N-terminal region; anti-MVK antibody

PRODUCT SPECIFICATIONS

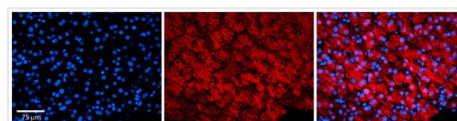
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: LA VLAFLYLYLS ICRKQRLPS LDIVVWSELP PGAGLGSSAA YSVCLAAA
Sequence Length	396
Applicable Applications for anti-MVK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 93%; Dog: 93%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human MVK
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-MVK Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Human brain



IHC (Immunohistochemistry)

Rabbit Anti-MVK Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Liver
Tissue
Observed Staining: Cytoplasm in hepatocytes
Primary Antibody Concentration: N/A
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-MVK antibody	This is a rabbit polyclonal antibody against MVK. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 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. 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.
Product Categories/Family for anti-MVK antibody	Polyclonal; Drugs and Drug Metabolism; Various; Disease Related

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557769
NCBI GeneID	4598
NCBI Accession #	NP_000422
NCBI GenBank Nucleotide #	NM_000431
UniProt Accession #	Q03426
Molecular Weight	42kDa
NCBI Official Full Name	mevalonate kinase isoform a
NCBI Official Synonym Full Names	mevalonate kinase
NCBI Official Symbol	MVK
NCBI Official Synonym Symbols	MK; LRBP; MVLK; POROK3
NCBI Protein Information	mevalonate kinase
UniProt Protein Name	Mevalonate kinase
UniProt Gene Name	MVK
UniProt Synonym Gene Names	MK
UniProt Entry Name	KIME_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mvk-antibody-immunohistochemistry-western-blot-elisa/200545>