

Datasheet

MVK MaxPab rabbit polyclonal antibody (D01)

Catalog Number: H00004598-D01

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against a full-length human MVK protein.

Immunogen: MVK (NP_000422.1, 1 a.a. ~ 396 a.a.) full-length human protein.

Sequence:

MLSEVLLVSAPGKVLHGEHAVVHGKVALAVSLNLRTF
LRLQPHSNGKVDLSLPNIGIKRAWVARLQSLDTSFLE
QGDVTTPTSEQVEKLKEVAGLPDDCAVTERLAVLAFL
YLYLSICRKQRALPSLDIVVWSELPPGAGLGSSAAYSV
CLAAALLTVCEEIPNPLKDGDCVNRWTKEDLELINKWA
FQGERMIHGNSGVDNAVSTWGGALRYHQGKISSLK
RSPALQILLTNTKVPRNTRALVAGVRNRLKFPEIVAPL
LTSIDAISELCERVLGEMGEAPAEQYLVLEELIDMNQ
HHLNALGVGHASLDQLCQVTRARGLHSLTGAGGGG
CGITLLKPGLEQPEVEATKQALTSCGFDCLETSGAPG
VSIHSATSLDSRVQQALDGL

Host: Rabbit

Reactivity: Human

Applications: IP, WB-Tr

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4598

Gene Symbol: MVK

Gene Alias: FLJ96772, LRBP, MK, MVLK

Gene Summary: 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 by psychomotor retardation, failure to thrive, hepatosplenomegaly, anemia and recurrent febrile crises. Defects in this gene also cause hyperimmunoglobulinemia D and periodic fever syndrome, a disorder characterized by recurrent episodes of fever associated with lymphadenopathy, arthralgia, gastrointestinal distress and skin rash. Two transcript variants that encode the same protein have been found for this gene. [provided by RefSeq]