

DNAxPAb

Hard-to-Find
Antibody

MVK DNAxPab

Catalog # H00004598-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MVK DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MLSEVLLVSAPGKVLHGEHAVVHGKVALAVSLNLRFTLRLQPHSNGKVDLSLPNIGIKRAWDVAR LQSLDTSFLEQGDVTTPTSEQVEKLKEVAGLPDDCAVTERLAVLAFLYLSICRKQRALPSLDIV VWSELPPGAGLGSSAAYSVCCLAAALLTVCEEIPNPLKDGDCVNRWTKEDLELINKWAFQGERMI HGNPSGVDNAVSTWGGALRYHQGKISSLKRSALQILLTNTKVPRNTRALVAGVRNRLKFPENA PLLTSIDAISELCERVLGEMGEAPAEQYLVEELIDMNQHHLNALGVGHASLDQLCQVTRARGLH SKLTGAGGGGCGITLLKPGLEQPEVEATKQALTSCGFDCLETSIGAPGVSIHSATSLDSRVQQAL DGL
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — MVK

Entrez GeneID [4598](#)

GeneBank Accession# [NM_000431.1](#)

Protein Accession# [NP_000422.1](#)

Gene Name MVK

Gene Alias FLJ96772, LRBP, MK, MVLK

Gene Description mevalonate kinase

Omim ID [251170](#) [260920](#)

Gene Ontology [Hyperlink](#)

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]

Other Designations LH receptor mRNA-binding protein|mevalonic aciduria

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Metabolic pathways](#)
- [Terpenoid backbone biosynthesis](#)

Disease

- [Amyloidosis](#)
- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Diarrhea](#)
- [Dyslipidemias](#)
- [Familial Mediterranean fever](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemias](#)
- [Hypertriglyceridemia](#)
- [Inflammation](#)
- [Irritable Bowel Syndrome](#)
- [Narcolepsy](#)
- [Pain](#)
- [Stomatitis](#)
- [Syndrome](#)