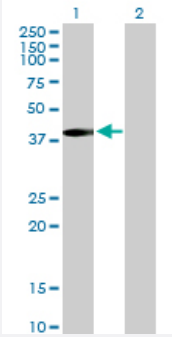
MaxPab®

MVK purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004598-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MVK expression in transfected 293T cell line (H00004598-T01) by MVK MaxPab polyclonal antibody.

Lane 1: MVK transfected lysate(43.56 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse 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	MLSEVLLVSAPGKVILHGEHAVVHGKVALAVSLNLRTFLRLQPHSNGKVDLSLPNIGIKRAWDVAR LQSLDTSFLEQGDVTTPTSEQVEKLKEVAGLPDDCAVTERLAVLAFLYLYLSICRKQRALPSLDIV VWSELPPGAGLGSSAAYSVCLAAALLTVCEEIPNPLKDGDCVNRWTKEDLELINKWAFQGERMI HGNPSGVDNAVSTWGGALRYHQGKISSLKRSPALQILLTNTKVPRNTRALVAGVRNRLLKFPEIVA PLLTSIDAISLECERVLGEMGEAPAPEQYLVLEELIDMNQHHLNALGVGHASLDQLCQVTRARGLH SKLTGAGGGGCGITLLKPGLEQPEVEATKQALTSCGFDCLETSIGAPGVSIHSATSLDSRVQQAL DGL
Host	Mouse
Reactivity	Human
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

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  Lane 2: Non-transfected lysate.

  Protocol Download

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 intermediat e, and mevalonate kinase a key early enzyme, in isoprenoid and sterol synthesis. Mevalonate kin ase deficiency caused by mutation of this gene results in mevalonic aciduria, a disease character ized psychomotor retardation, failure to thrive, hepatosplenomegaly, anemia and recurrent febrile crises. Defects in this gene also cause hyperimmunoglobulinaemia D and periodic fever syndrom e, a disorder characterized by recurrent episodes of fever associated with lymphadenopathy, arth ralgia, gastrointestinal dismay 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