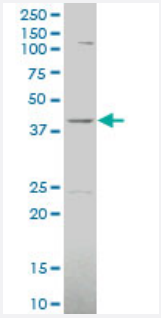
MVK polyclonal antibody (A01)

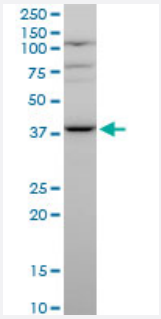
Catalog # H00004598-A01 Size 50 uL

Applications



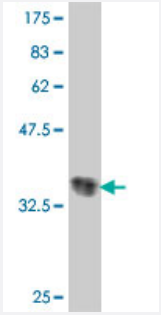
Western Blot (Cell lysate)

MVK polyclonal antibody (A01), Lot # 051116JC01 Western Blot analysis of MVK expression in A-431 (Cat # L015V1).



Western Blot (Cell lysate)

MVK polyclonal antibody (A01), Lot # 051116JC01. Western Blot analysis of MVK expression in NIH/3T3.



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant MVK.
Immunogen	MVK (AAH16140, 297 a.a. ~ 396 a.a) partial recombinant protein with GST tag.

Sequence	LIDMNQHHLNALGVGHASLDQLCQVTRARGLHSKLTGAGGGGCGITLLKPGLEQPEVEATKQALT SCGFDCLETSIGAPGVSIHSATSLDSRVQQALDGL
Host	Mouse
Reactivity	Human, Mouse
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

  MVK polyclonal antibody (A01), Lot # 051116JC01 Western Blot analysis of MVK expression in A-431 (Cat # L015V1).

  Protocol Download

- Western Blot (Cell lysate)

  MVK polyclonal antibody (A01), Lot # 051116JC01. Western Blot analysis of MVK expression in NIH/3T3.

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — MVK

Entrez GeneID	4598
GeneBank Accession#	BC016140
Protein Accession#	AAH16140
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 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. [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