

Rabbit Mevalonate Kinase Polyclonal Antibody | anti-MVK antibody

Mevalonate Kinase Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323940	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

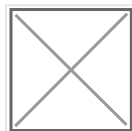
PRODUCT SYNONYMS

Mevalonate Kinase; Polyclonal Antibody; Mevalonate Kinase Antibody; FLJ96772; KIME_HUMAN; LH receptor mRNA binding protein; LRBP; Mevalonate kinase 1; Mevalonate kinase; Mevalonic aciduria; MK; mvk; MVLK; POROK3; anti-MVK antibody

PRODUCT SPECIFICATIONS

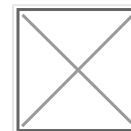
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Mevalonate Kinase antibody detects endogenous levels of total Mevalonate Kinase
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	396
Applicable Applications for anti-MVK antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Peroxisome.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Pig (82%), Bovine (82%), Horse (91%), Sheep (82%), Rabbit (82%), Dog (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA323940 at 1/100 staining Mouse muscle tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



IF (Immunofluorescence)

AAA323940 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from COS-7 cells using Mevalonate Kinase antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MVK antibody

Function: Catalyzes the phosphorylation of mevalonate to mevalonate 5-phosphate, a key step in isoprenoid and cholesterol biosynthesis (PubMed:9325256, PubMed:18302342).
Subunit Structure: Homodimer.
Similarity: Belongs to the GHMP kinase family. Mevalonate kinase subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557769
NCBI GeneID	4598
NCBI Accession #	NP_000422.1
NCBI GenBank Nucleotide #	NM_000431.3
UniProt Accession #	Q03426
Molecular Weight	Observed: 42 kD Predicted: 43 kDa
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

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/mevalonate-kinase-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323940>