

MVK Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP53356

Product Information

Application	WB
Primary Accession	Q03426
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	42451

Additional Information

Gene ID	4598
Other Names	Mevalonate kinase, MK, 2.7.1.36, MVK
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MVK. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	MVK (HGNC:7530)
Function	Catalyzes the phosphorylation of mevalonate to mevalonate 5- phosphate, a key step in isoprenoid and cholesterol biosynthesis (PubMed: 11278915 , PubMed: 18302342 , PubMed: 9325256 , PubMed: 9392419).
Cellular Location	Cytoplasm. Peroxisome {ECO:0000250 UniProtKB:P17256}

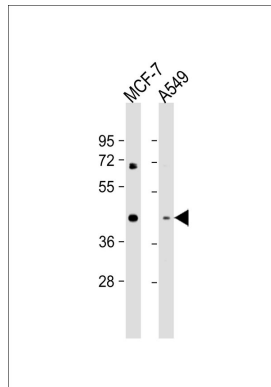
Background

May be a regulatory site in cholesterol biosynthetic pathway.

References

Schafer B.L.,et al.J. Biol. Chem. 267:13229-13238(1992).
Graef E.,et al.Oncogene 9:81-87(1994).
Houten S.M.,et al.Eur. J. Hum. Genet. 9:253-259(2001).
Houten S.M.,et al.Eur. J. Hum. Genet. 9:651-651(2001).
Hogenboom S.,et al.J. Cell Sci. 117:631-639(2004).

Images



All lanes : Anti-MVK Antibody at 1:1000 dilution Lane 1:
MCF-7 whole cell lysate Lane 2: A549 whole cell lysate
Lysates/proteins at 20 µg per lane. Secondary Goat
Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000
dilution. Predicted band size : 42 kDa Blocking/Dilution
buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.