

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MVK



Numéro de catalogue: 12228-1-AP

3 Publications

Informations de base

Numéro de catalogue:
12228-1-AP

Taille:
150ul, Concentration: 500 µg/ml by
Nanodrop and 333 µg/ml by Bradford
method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG2865

Numéro d'acquisition GenBank:
BC016140

Identification du gène (NCBI):
4598

Nom complet:
mevalonate kinase

MW calculé
396 aa, 42 kDa

MW observés:
42 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IF 1:10-1:100

Applications

Applications testées:
IF, WB, ELISA

Demandes citées:
WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

Contrôles positifs:

WB : cellules Caco-2, cellules HepG2, cellules Jurkat,
cellules PC-3, tissu utérin de souris

IF : cellules PC-3,

Informations générales

MVK (Mevalonate kinase) is a 42 kDa cytoplasmic protein that belongs to the GHMP kinase family. Mevalonate kinase catalyzes the ATP-dependent phosphorylation of mevalonic acid to form mevalonate 5-phosphate. Defects in mevalonate kinase can cause mevalonic aciduria (MEVA). It is an accumulation of mevalonic acid which causes a variety of symptoms such as psychomotor retardation, dysmorphic features, cataracts, hepatosplenomegaly, lymphadenopathy, anemia, hypotonia, myopathy and ataxia.

Publications notables

Autrice	Pubmed ID	Journal	Application
Audrey Basque	36279966	Toxicol In Vitro	WB
Min Li	32256770	Exp Ther Med	WB
Audrey Basque	35723385	Curr Issues Mol Biol	WB

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

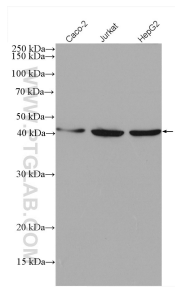
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

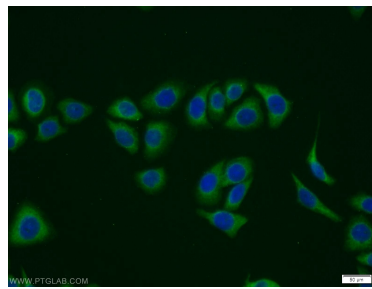
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

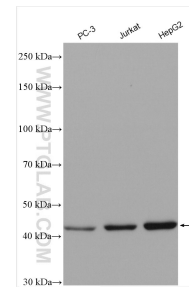
Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 12228-1-AP (MVK antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of PC-3 cells using 12228-1-AP (MVK antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



PC-3 cells were subjected to SDS PAGE followed by western blot with 12228-1-AP (MVK antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.