

MVK Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05666
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Mevalonate Kinase. AA range:151-200
Mol wt	42451
Species reactivity	Human, Monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	MVK Antibody
Synonyms	MVK; Mevalonate kinase; MK

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

MVK 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 MVK 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. Alternative splicing results in multiple transcript variants.

Recommended Dilution

WB: 1: 500 - 1: 2000

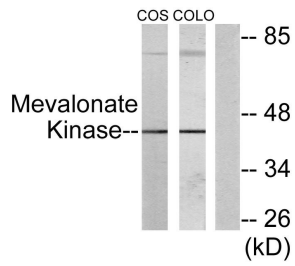
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

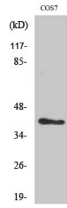
ELISA: 1: 10000

Not yet tested in other applications.

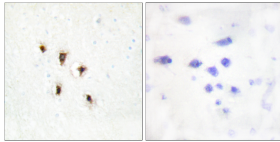
Images



Western blot analysis of lysates from COS7 and COLO205 cells, using Mevalonate Kinase Antibody.
The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using MVK Polyclonal Antibody



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Mevalonate Kinase Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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