

# Anti-MVK antibody ab154515

[1 References](#) [2 图像](#)

### 概述

产品名称	Anti-MVK抗体
描述	兔多克隆抗体to MVK
宿主	Rabbit
经测试应用	适用于: WB, IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Recombinant fragment corresponding to a region within amino acids 163-396 of Human MVK (UniProt ID: Q03426).
阳性对照	293T, A431, HepG2, Raji whole cell lysate and A549 xenograft.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 1.21% Tris, 0.75% Glycine, 10% Glycerol (glycerin, glycerine)
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

### 应用

## The Abpromise guarantee

**Abpromise™** 承诺保证使用 ab154515 于以下的经测试应用

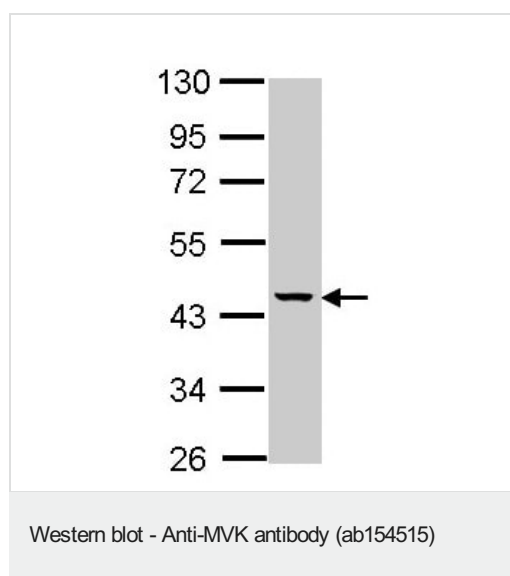
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/500 - 1/3000. Predicted molecular weight: 42 kDa.
IHC-P		1/100 - 1/1000. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Alternatively Tris-EDTA buffer (pH8.0) may be used.

## 靶标

功能	May be a regulatory site in cholesterol biosynthetic pathway.
通路	Isoprenoid biosynthesis; isopentenyl diphosphate biosynthesis via mevalonate pathway; isopentenyl diphosphate from (R)-mevalonate: step 1/3.
疾病相关	<p>Defects in MVK are the cause of mevalonic aciduria (MEVA) [MIM:610377]. 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.</p> <p>Defects in MVK are the cause of hyperimmunoglobulinemia D and periodic fever syndrome (HIDS) [MIM:260920]. HIDS is an autosomal recessive disease characterized by recurrent episodes of unexplained high fever associated with skin rash, diarrhea, adenopathy (swollen, tender lymph nodes), athralgias and/or arthritis. Concentration of IgD, and often IgA, are above normal.</p>
序列相似性	Belongs to the GHMP kinase family. Mevalonate kinase subfamily.
细胞定位	Cytoplasm. Peroxisome.

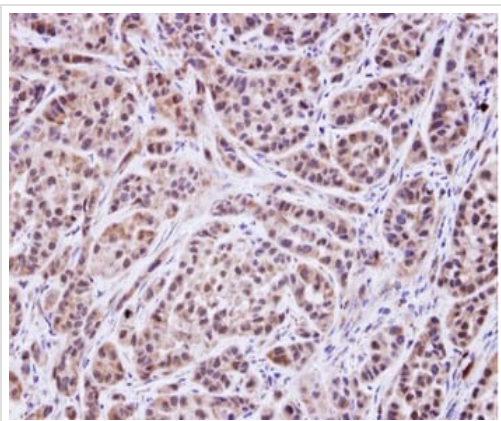
## 图片



Anti-MVK antibody (ab154515) at 1/1000 dilution + HepG2 whole cell lysate at 30 µg

**Predicted band size:** 42 kDa

10% SDS PAGE



Immunohistochemical analysis of formalin-fixed, paraffin-embedded A549 xenograft labeling MVK with ab154515 at 1/500.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MVK antibody (ab154515)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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