

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MVD



Numéro de catalogue: 15331-1-AP

2 Publications

Informations de base

Numéro de catalogue: 15331-1-AP	Numéro d'acquisition GenBank: BC000011	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 240 µg/ml by Nanodrop;	Identification du gène (NCBI): 4597	Dilutions recommandées: WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
Hôte: Lapin	Nom complet: mevalonate (diphospho) decarboxylase	
Isotype: IgG	MW calculé: 43 kDa	
Immunogen Catalog Number: AG7255	MW observés: 66-74 kDa, 45 kDa, 37 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

souris

Contrôles positifs:

WB : cellules HCT 116, cellules HepG2, cellules K-562, tissu hépatique de rat

IHC : tissu de côlon humain, tissu cardiaque humain, tissu de cancer du poumon humain

IF : cellules A431,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

The enzyme mevalonate pyrophosphate decarboxylase(MVD) catalyzes the conversion of mevalonate pyrophosphate into isopentenyl pyrophosphate. It is also named as MPD and as a unique enzyme in one of the early steps in cholesterol biosynthesis, MVD may be a useful target for drugs aimed at lowering serum cholesterol levels(PMID:8626466). The intracellular glycosylation does not contribute to the difference between the 45 and 37 kDa species of MVD. The native MVD has a molecular weight of 90 kDa that it consists of two identical subunits of 45 kDa and a 37 kDa protein is also found as a subunit of MVD and this type of MVD may be a 74 kDa. But the 37 kDa enzyme appeared only when the rats are fed the CP diet.(PMID:9348097).

Publications notables

Autrice	Pubmed ID	Journal	Application
Zhenhua Zhang	34562605	Cell Signal	IHC
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 azotate 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.

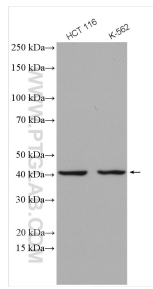
For technical support and original validation data for this product please contact:

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

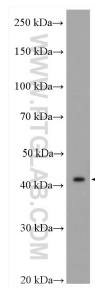
E: proteintech@ptglab.com
W: ptglab.com

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

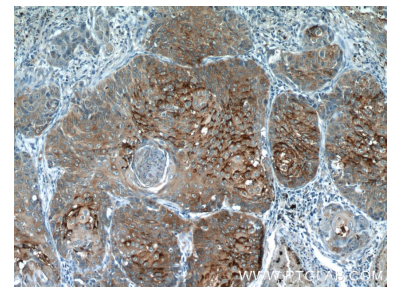
Données de validation sélectionnées



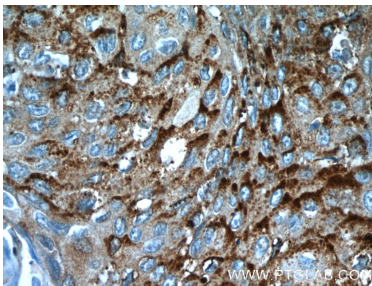
Various lysates were subjected to SDS PAGE followed by western blot with 15331-1-AP (MVD antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



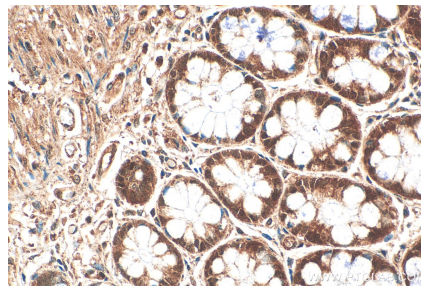
HepG2 cells were subjected to SDS PAGE followed by western blot with 15331-1-AP (MVD antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



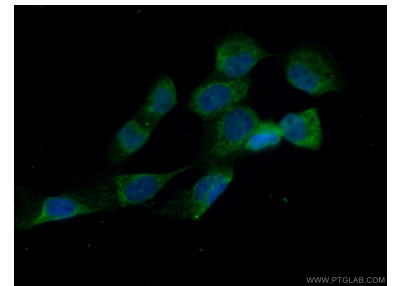
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 15331-1-AP (MVD Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 15331-1-AP (MVD Antibody) at dilution of 1:50 (under 40x lens).



Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 15331-1-AP (MVD antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed A431 cells using 15331-1-AP (MVD antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).