

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MVP/LRP



Numéro de catalogue: 16478-1-AP

Phare

8 Publications

Informations de base

Numéro de catalogue:
16478-1-AP

Taille:
150ul, Concentration: 650 µg/ml by Nanodrop and 273 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG9593

Numéro d'acquisition GenBank:
BC015623

Identification du gène (NCBI):
9961

Nom complet:
major vault protein

MW calculé:
893 aa, 99 kDa

MW observés:
99-104 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, souris

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

Contrôles positifs:

WB : cellules A549, cellules SH-SY5Y, RAW264.7, tissu cérébral humain, tissu pulmonaire de rat, tissu pulmonaire de souris

IP : tissu pulmonaire de souris,

IHC : tissu de cancer du sein humain, tissu cutané humain, tissu de cancer du poumon humain, tissu rénal humain, tissu testiculaire humain

IF : cellules HeLa,

Informations générales

Vaults are the largest cellular ribonuclear protein complexes with a hollow barrel-like structure, and have been associated with the MDR phenotype. Major vault protein (MVP) is the main component of vaults and is presumed to be involved in MDR. MVP is identical with the human lung resistance protein (LRP), known to be overexpressed in multiple chemotherapy resistance models [PMID:23083532]. MVP has been associated to resistance to radiotherapy [4], probably due to its role in preventing apoptosis by inhibiting the COP-1/p53 axis [PMID: 12894554, 15994960].

Publications notables

Autrice	Pubmed ID	Journal	Application
Y Q Jiang	27706681	Genet Mol Res	WB
Wang Xiaoqian	34855554	Technol Cancer Res Treat	WB,IHC
Xubin Dong	35433709	Front Cell Dev 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.

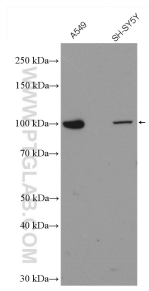
For technical support and original validation data for this product please contact:

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

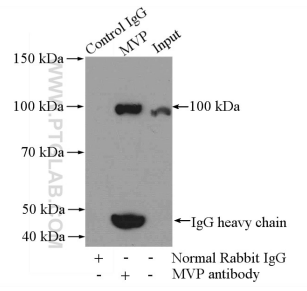
E: proteintech@ptglab.com
W: ptglab.com

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

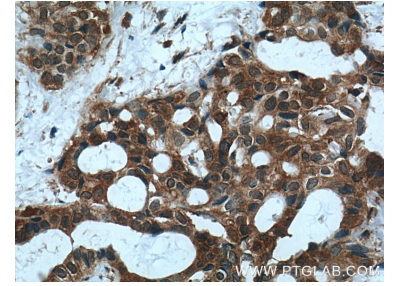
Données de validation sélectionnées



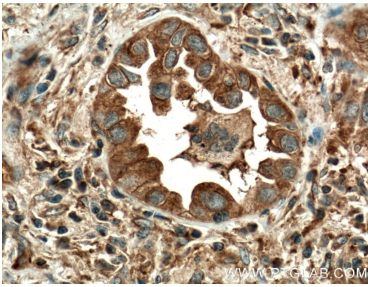
Various cells were subjected to SDS PAGE followed by western blot with 16478-1-AP (MVP/LRP antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



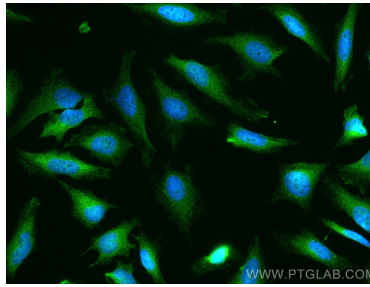
IP Result of anti-MVP/LRP (IP:16478-1-AP, 4ug; Detection:16478-1-AP 1:500) with mouse lung tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16478-1-AP (MVP/LRP antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 16478-1-AP (MVP/LRP antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using MVP/LRP antibody (16478-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).