

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-MAVS; VISA



Numéro de catalogue: 14341-1-AP

Phare

56 Publications

## Informations de base

Numéro de catalogue:

14341-1-AP

Taille:

150ul, Concentration: 800 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5655

Numéro d'acquisition GenBank:

BC044952

Identification du gène (NCBI):

57506

Nom complet:

mitochondrial antiviral signaling protein

MW calculé

57 kDa

MW observés:

50-55 kDa, 70-75 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:2000-1:16000

IP 0.5-4.0 µg for IP and 1:500-1:2000 for WB

IHC 1:250-1:1000

IF 1:50-1:500

## Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

CoIP, IF, IHC, IP, RIP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

Humain, porc, singe, souris

Contrôles positifs:

WB : cellules A431, cellules HeLa, cellules HepG2, cellules HuH-7, cellules Jurkat

IP : cellules HEK-293,

IHC : tissu de cancer du sein humain, tissu cutané humain

IF : cellules HeLa,

**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

Mitochondrial antiviral-signaling protein (MAVS) is also known as virus-induced-signaling adapter (VISA) or IFN-β promoter stimulator protein 1 (IPS-1), it is widely involved and required for innate immune defense against viruses. MAVS, present in T cells, monocytes, epithelial cells and hepatocytes, contains CARD and transmembrane domains which are essential for antiviral functions. MAVS is able to interact with various cellular proteins including DDX58/RIG-I, IFIH1/MDA5, TRAF2, TRAF6, TMEM173/MITA, IFIT3 and etc. It can undergo phosphorylation on multiple sites and ubiquitination, which may together cause the molecular weight migrate to about 70 kDa despite the predicated 57 kDa.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Jiangang Zheng	34587973	BMC Vet Res	WB
Ya-Ling Yang	36174668	Eur J Pharmacol	WB
Zhuo Luo	32943610	Signal Transduct Target Ther	WB,CoIP

## 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.

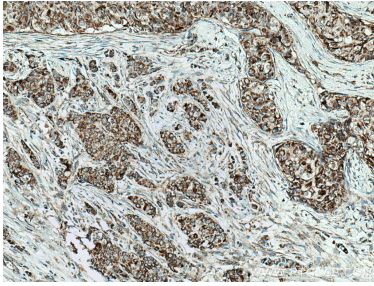
For technical support and original validation data for this product please contact:

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

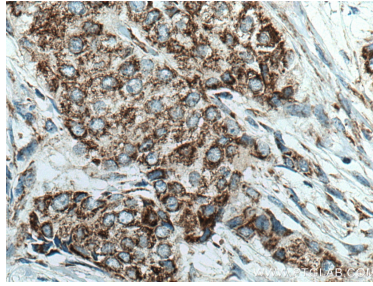
E: proteintech@ptglab.com  
W: ptglab.com

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

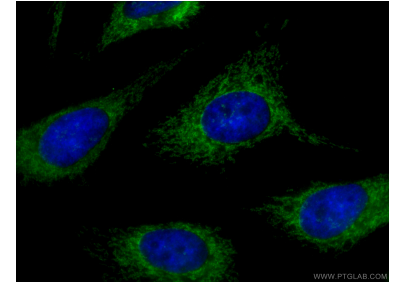
## Données de validation sélectionnées



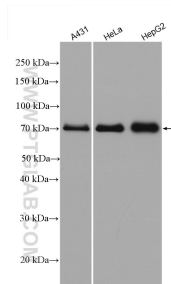
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14341-1-AP (MAVS; VISA antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



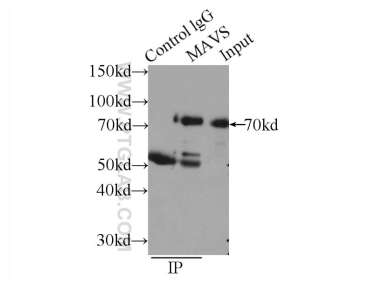
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 14341-1-AP (MAVS; VISA antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



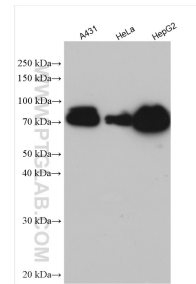
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using 14341-1-AP (MAVS; VISA antibody), at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 14341-1-AP (MAVS; VISA antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



IP Result of anti-MAVS; VISA (IP:14341-1-AP, 3ug; Detection:14341-1-AP 1:1000) with HEK-293 cells lysate 1700ug.



Various lysates were subjected to SDS PAGE followed by western blot with 14341-1-AP (MAVS; VISA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.