

MAVS; VISA Polyclonal Antibody

Catalog number: 14341-1-AP

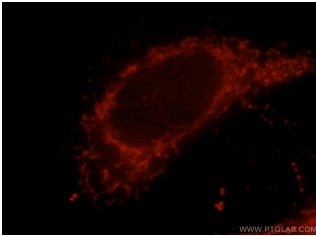
Size: 29 µg/150 µl

Source: Rabbit

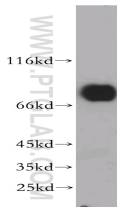
Isotype: IgG

Synonyms:

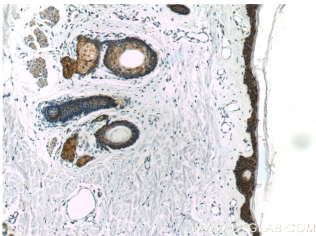
MAVS; CARDIF, DKFZp547C224, DKFZp666M015, FLJ27482, FLJ35386, FLJ38051, FLJ41962, IPS 1, IPS1, KIAA1271, MAVS, VISA



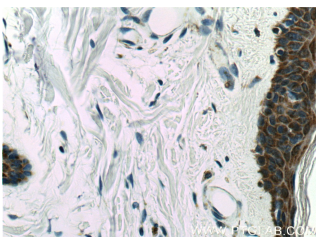
Immunofluorescent analysis of HeLa cells, using MAVS antibody 14341-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



HEK-293 cells were subjected to SDS PAGE followed by western blot with 14341-1-AP(MAVS; VISA antibody) at dilution of 1:500



Immunohistochemistry of paraffin-embedded human skin tissue slide using 14341-1-AP(MAVS; VISA Antibody) at dilution of 1:200 (under 10x lens)



Background

Mitochondrial antiviral-signaling protein (MAVS) is also known as virus-induced-signaling adapter (VISA) or interferon beta 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.

Applications

Tested applications:	ELISA, WB, IF, IP, IHC
Species specificity:	Human; other species not tested.
Calculated MAVS; VISA MW:	57 kDa
Observed MAVS; VISA MW:	70-75kd
Positive WB detected in	HEK-293 cells, HeLa cells, human heart tissue, Jurkat cells
Positive IP detected in	HEK-293 cells
Positive IHC detected in	Human skin tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:1000-1:10000 IP: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:10-1:100

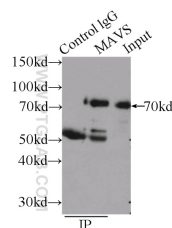
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5655
GenBank accession number:	BC044952
Gene ID (NCBI):	57506
Full name:	Mitochondrial antiviral signaling protein

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



Immunohistochemistry of paraffin-embedded human skin tissue slide using 14341-1-AP (MAVS; VISA Antibody) at dilution of 1:200 (under 40x lens)

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