



# MAVS Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-07337
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	MAVS IPS1 KIAA1271 VISA
<b>Protein Name</b>	Mitochondrial antiviral-signaling protein (MAVS) (CARD adapter inducing interferon beta) (Cardif) (Interferon beta promoter stimulator protein 1) (IPS-1) (Putative NF-kappa-B-activating protein 031N)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 461-510
<b>Specificity</b>	MAVS Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	59kD
<b>Cell Pathway</b>	Mitochondrion outer membrane . Mitochondrion . Peroxisome .
<b>Tissue Specificity</b>	Present in T-cells, monocytes, epithelial cells and hepatocytes (at protein level). Ubiquitously expressed, with highest levels in heart, skeletal muscle, liver, placenta and peripheral blood leukocytes.
<b>Function</b>	domain:Both CARD and transmembrane domains are essential for antiviral function. The CARD domain is responsible for interaction with DDX58 and IFIH1.,function:Required for innate immune defense against viruses. Acts downstream of DDX58 and IFIH1/MDA5, which detect intracellular dsRNA produced during viral replication, to coordinate pathways leading to the activation of NF-kappa-B, IRF3 and IRF7, and to the subsequent induction of antiviral cytokines such as IFN-beta and RANTES (CCL5). May activate the same pathways following detection of extracellular dsRNA by TLR3. May protect cells from apoptosis.,miscellaneous: Cleavage by HCV protease complex leads to inactivation.,similarity: Contains 1 CARD domain.,subunit: Interacts with DDX58, IFIH1, TRAF2 and TRAF6. May interact with IRF3, FADD, RIPK1, IKBKE, CHUK and IKBKB. Does not interact with TBK1. Interacts with and is cleaved by HCV and hepa

**Background**

mitochondrial antiviral signaling protein(MAVS) Homo sapiens This gene encodes an intermediary protein necessary in the virus-triggered beta interferon signaling pathways. It is required for activation of transcription factors which regulate expression of beta interferon and contributes to antiviral immunity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images