

MAVS Rabbit pAb

CatalogNo: YN2483

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, ELISA

MW

- 59kD (Observed)

Isotype

- IgG

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human protein . at AA range: 461-510

Specificity MAVS Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name MAVS IPS1 KIAA1271 VISA

Protein Name 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) (Virus-induced-signaling adapter) (VISA)

Organism	Gene ID	UniProt ID
Human	57506 ;	Q7Z434 ;
Mouse		Q8VCF0 ;
Rat		Q66HG9 ;

Cellular Localization Mitochondrion outer membrane . Mitochondrion . Peroxisome .

Tissue specificity 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.

Function 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, IKKBE, CHUK and IKKKB. Does not interact with TBK1. Interacts with and is cleaved by HCV and hepatitis GB virus B NS3/4A proteases. Interacts with and is cleaved by HHAV protein 3ABC. Interacts with NLRX1. Interaction with NLRX1 requires the CARD domain.,tissue specificity: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.,

Validation Data

Contact information

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