

Product datasheet for **AP07387PU-N**

MAVS Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	Immunohistochemistry on Paraffin Sections: 5 µg/ml. Western Blot: 0.5 - 2 µg/ml.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide
Specificity:	This antibody reacts to a 17 amino acid peptide from near the center of VISA.
Formulation:	Phosphate buffered saline, containing 0.02% sodium azide State: Aff - Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.
Gene Name:	mitochondrial antiviral signaling protein
Database Link:	Entrez Gene 57506 Human Q7Z434



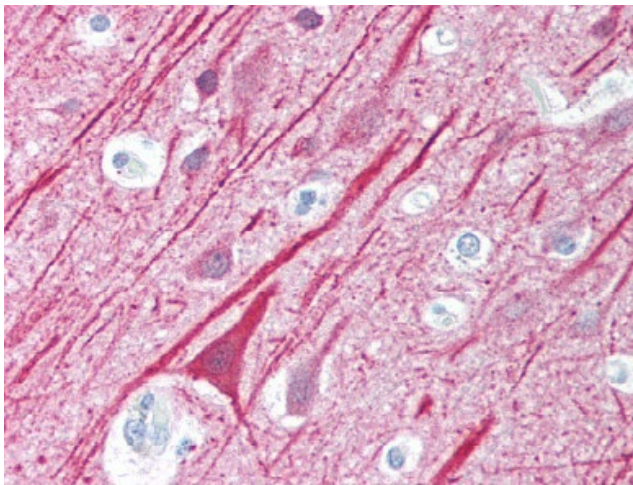
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Background:

Double-stranded RNA viruses are recognized in a cell type-dependent manner by the transmembrane receptor TLR3 (MIM 603029) or by the cytoplasmic RNA helicases MDA5 (MIM 606951) and RIGI (ROBO3; MIM 608630). These interactions initiate signaling pathways that differ in their initial steps but converge in the activation of the protein kinases IKKA (CHUK; MIM 600664) and IKKB (IKBKB; MIM 603258), which activate NFκB (see MIM 164011), or TBK1 (MIM 604834) and IKKE (IKBKE; MIM 605048), which activate IRF3 (MIM 603734). Activated IRF3 and NFκB induce transcription of IFNB (IFNB1; MIM 147640). For the TLR3 pathway, the intermediary molecule before the pathways converge is the cytoplasmic protein TRIF (TICAM1; MIM 607601). For RIGI, the intermediary protein is mitochondria-bound IPS1 (Sen and Sarkar, 2005).

Synonyms:

IPS1, VISA, Mitochondrial antiviral-signaling protein, Cardif, Virus-induced-signaling adapter, CARD adapter inducing interferon-beta

Product images:

Brain, cortex: Formalin-Fixed Paraffin-Embedded (FFPE)