

Rabbit VISA Polyclonal Antibody | anti-MAVS antibody

VISA antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200009	Rabbit	Cow, Human, Mouse	Western Blot, Immunohistochemistry

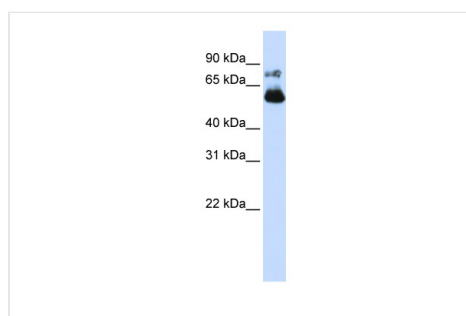
PRODUCT SYNONYMS

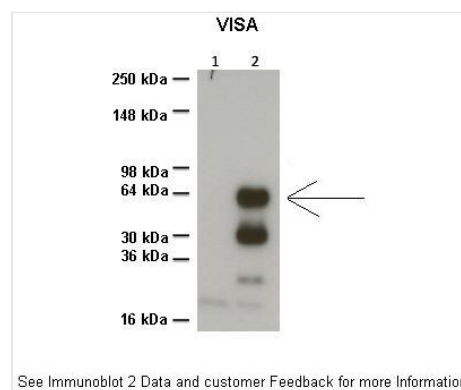
VISA; Polyclonal Antibody; VISA antibody - N-terminal region; anti-MAVS antibody

PRODUCT SPECIFICATIONS

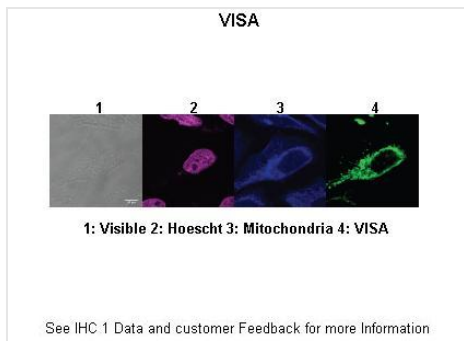
Host	Rabbit
Reactivity	Cow, Human, Mouse
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ET QAPESPGENS EQALQTLSPR AIPRNPDGGP LESSDLAAL SPLTSSGH
Sequence Length	896
Applicable Applications for anti-MAVS antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 79%; Human: 100%; Mouse: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human VISA
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-VISA Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:12500
Positive Control: Transfected 293T

WB (Western Blot)

Sample Type :1: 20ug HEK293T no transfection, 2: 20ug HEK293T 3DYKDDDDK-MAVS/VISA
Primary Antibody Dilution :1:1000
Secondary Antibody :Anti-rabbit HRP
Secondary Antibody Dilution :1:1000
Color/Signal Descriptions :ARP49558-QC17479-WB-image-02
Gene Name :VISA
Submitted by :Dr. Safia Deddouche
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MAVS is supported by BioGPS gene expression data to be expressed in HEK293T



IHC (Immunohistochemistry)
 Researcher: Dr. Safia Deddouche, London Research Institute
 Application: 293T cells transfected with 3DYKDDDDK-VISA
 Primary antibody dilution: 1:500
 Secondary antibody: Anti-rabbit-Alexa 488
 Secondary antibody dilution: 1:500

ADDITIONAL INFORMATION

Related Product Information for anti-MAVS antibody	This is a rabbit polyclonal antibody against VISA. It was validated on Western Blot using a cell lysate as a positive control. Target Description: Double-stranded RNA viruses are recognized in a cell type-dependent manner by the transmembrane receptor TLR3 or by the cytoplasmic RNA helicases MDA5 and RIGI (ROBO3). These interactions initiate signaling pathways that differ in their initial steps but converge in the activation of the protein kinases IKKA (CHUK) and IKKB (IKBKB), which activate NFκB, or TBK1 and IKKE (IKBKE), which activate IRF3. Activated IRF3 and NFκB induce transcription of IFNB (IFNB1). For the TLR3 pathway, the intermediary molecule before the pathways converge is the cytoplasmic protein TRIF (TICAM1). For RIGI, the intermediary protein is mitochondria-bound VISA. 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 [PubMed 16239922]).[supplied by OMIM]. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-MAVS antibody	Polyclonal; Membrane Protein; Transcription Regulation; Membrane & Traffic; Microbiology; Phosphorylation; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	83776598
NCBI GeneID	57506
NCBI Accession #	NP_065797
NCBI GenBank Nucleotide #	NM_020746
UniProt Accession #	Q2HWT5; Q7Z434
Molecular Weight	56kDa
NCBI Official Full Name	mitochondrial antiviral-signaling protein isoform 1
NCBI Official Synonym Full Names	mitochondrial antiviral signaling protein
NCBI Official Symbol	MAVS
NCBI Official Synonym Symbols	IPS1; VISA; IPS-1; CARDIF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/visa-antibody-western-blot-immunohistochemistry-elisa/200009>