



Catalog: OM113689

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# Rabbit anti-VISA polyclonal antibody - N-terminal region

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☐ 20ul ☐ 50ul ☐ 100ul

## Product profile

Product name	Rabbit anti-VISA polyclonal antibody - N-terminal region
Antibody Type	Primary Antibodies
Immunogen	The immunogen for anti-VISA antibody: synthetic peptide directed towards the N terminal of human VISA
Modification	Unmodification

## Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Application	<b>WB</b>  WB: 1:500~1:2000 Notes: Optimal dilutions/concentrations should be determined by the researcher.
Species Reactivity	<b>Bovine</b> <b>Human</b> <b>Mouse</b>
Concentration	1mg/ml
Purification	Affinity purified

## Target Information

Gene Symbol	<b>VISA</b>
Gene Synonyms	MAVS
Gene Full Name	Mitochondrial antiviral signaling protein

Gene Summary

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 NFkB, or TBK1 and IKKE (IKBKE), which activate IRF3. Activated IRF3 and NFkB 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 NFkB (see MIM 164011), or TBK1 (MIM 604834) and IKKE (IKBKE; MIM 605048), which activate IRF3 (MIM 603734). Activated IRF3 and NFkB 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.

Alternative Names

CARDIF  
DKFZp666M015  
FLJ27482  
FLJ41962  
IPS-1  
KIAA1271  
MAVS  
IPS1  
VISA

Molecular Weight(MW)

56kDa

Sequence

896 amino acids

Database Links

Entrez Gene

57506

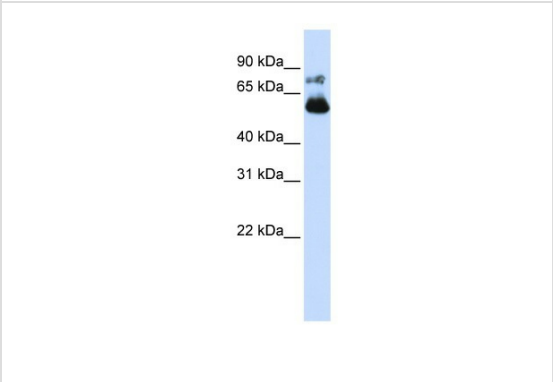
SwissProt ID

Q2HWT5

Protein Accession

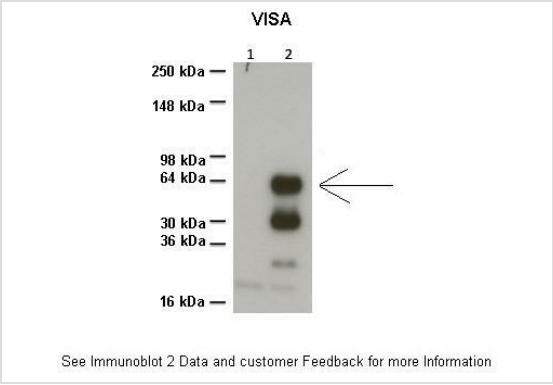
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Application



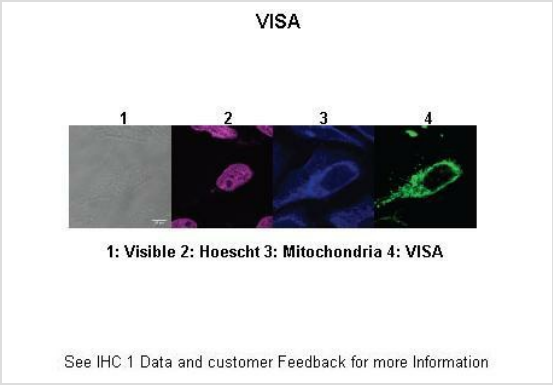
Application

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



**Application**

Sample Type :1: 20ug HEK293T no transfection, 2: 20ug HEK293T 3Flag-MAVS/VISAPrimary Antibody Dilution :1:1000Secondary Antibody :Anti-rabbit HRPSecondary Antibody Dilution :1:1000Color/Signal Descriptions :ARP49558-QC17479-WB-image-02Gene Name :VISASubmitted by :Dr. Safia Deddouche Immunobiology Laboratory Cancer Research UK London Research Institute Lincolns Inn Fields Laboratories 44 Lincolns Inn Fields London WC2A 3LY UKMAVS is supported by BioGPS gene expression data to be expressed in HEK293T



**Application**

Researcher: Dr. Safia Deddouche, London Research InstituteApplication: IHCSpecies+tissue/cell type:293T cells transfected with 3FLAG-VISAPrimary antibody dilution: 1:500Secondary antibody: Anti-rabbit-Alexa 488Secondary antibody dilution:1:500

**Application Notes**

**WB:**1:500~1:2000  
**Notes:**Optimal dilutions/concentrations should be determined by the researcher.

**Additional Information**

Form	Liquid
Storage Instructions	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles
Storage Buffer	phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

OmnimAbs.com

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This product is for research use only and is not approved for use in humans or in clinical diagnosis.Primary Antibodies are guaranteed for 1 year from date of receipt