

Rabbit anti-Mouse, Rat VISA Polyclonal Antibody | anti-VISA antibody

RABBIT ANTI VISA

CATALOG # AAA50064	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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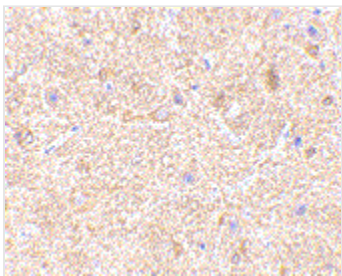
PRODUCT SYNONYMS

VISA; Polyclonal Antibody; RABBIT ANTI VISA; anti-VISA antibody

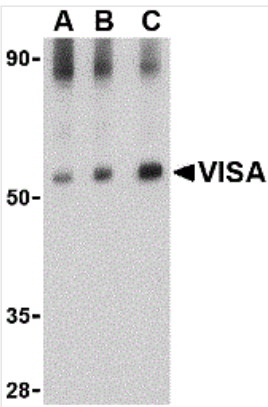
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Sequence Length	399
Applicable Applications for anti-VISA antibody	WB (Western Blot), IHC (Immunohistochemistry)
Perservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Histology Positive Control Tissue	Mouse brain Buffer Solution
Antiserum Preparation	Antisera to human VISA were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG prepared from whole serum by affinity chromatography.
Target Species	Human
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data
Immunohistological staining of mouse brain with Rabbit anti Human VISA (AAA50064)



Application Data
Western blot analysis of rat brain lysate probed with Rabbit anti Human VISA (AAA50064) at 0.5(A), 1(B) and 2(C) ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-VISA antibody	Rabbit anti VISA antibody recognizes the human Mitochondrial antiviral-signaling protein (MAVS), also known as Virus-induced-signalling-adaptor (VISA), and KIAA1271, VISA is a 540 amino acid outer mitochondrial membrane protein containing a single CARD domain. VISA is an important protein required for innate immune defence against viruses (Huang et al. 2014). VISA 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). VISA is believed to activate the same pathways following detection of extracellular dsRNA by TLR3 and it has been hypothesized that VISA is involved in the regulation of apoptosis following viral infection (Lei et al. 2009). VISA is a ubiquitously expressed protein present in a range of cell types including T-cells, monocytes and epithelial cells, with highest levels in tissues of the heart, skeletal muscle, liver, placenta and in peripheral blood leukocytes. Multiple isoforms of VISA generated by alternative splicing have been identified. Rabbit anti VISA antibody is reactive with full length VISA isoform 1. It does not react with isoforms 2,3,5 or 6, reactivity with isoform 4 is unknown.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	330688443
NCBI GeneID	57506
NCBI Accession #	NP_001193420.1
NCBI GenBank Nucleotide #	NM_001206491.1
UniProt Accession #	Q7Z434; Q2HWT5; Q3I0Y2; Q5T7I6; Q86VY7; Q9H1H3; Q9H4Y1; A8K6X0; B2BD33; B2BD34; F5H6C8; M1P2Z0
Molecular Weight	15,012 Da
NCBI Official Full Name	mitochondrial antiviral-signaling protein isoform 2
NCBI Official Synonym Full Names	mitochondrial antiviral signaling protein
NCBI Official Symbol	MAVS
NCBI Official Synonym Symbols	IPS1; VISA; IPS-1; CARDIF
NCBI Protein Information	mitochondrial antiviral-signaling protein; CARD adapter inducing interferon beta; CARD adaptor inducing IFN-beta; IFN-B promoter stimulator 1; interferon beta promoter stimulator protein 1; putative NF-kappa-B-activating protein 031N; virus-induced signaling adaptor; virus-induced-signaling adaptor
UniProt Protein Name	Mitochondrial antiviral-signaling protein
UniProt Gene Name	MAVS
UniProt Synonym Gene Names	IPS1; KIAA1271; VISA; MAVS; Cardif; IPS-1; VISA

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/50064>