

Rabbit Rift Valley Fever Virus Nucleocapsid Polyclonal Antibody | anti-NP antibody

Rift Valley Fever Virus Nucleocapsid Antibody

CATALOG # AAA40579	HOST Rabbit	REACTIVITY Virus	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Rift Valley Fever Virus Nucleocapsid; Polyclonal Antibody; Rift Valley Fever Virus Nucleocapsid Antibody; NP nucleocapsid [Rift Valley fever virus]; anti-NP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Virus
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Rift Valley Fever Virus Nucleocapsid Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid ; Rift Valley Fever Virus Nucleocapsid Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	245
Applicable Applications for anti-NP antibody	ELISA
Conjugate	Unconjugated
Immunogen	RVF virus nucleocapsid antibody was raised against a 17 amino acid peptide near the center of the RVF virus nucleocapsid. The immunogen is located within amino acids 70 - 120 of Rift Valley Fever Virus Nucleocapsid.
Preparation and Storage	Rift Valley Fever Virus Nucleocapsid antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

ADDITIONAL INFORMATION

Related Product Information for anti-NP antibody	Rift Valley Fever Virus Nucleocapsid Antibody: Rift Valley Fever (RVF) virus is an arthropod-borne virus endemic to Africa that infects humans and animals that is transmitted predominantly by mosquitoes (1). During human infections, symptoms can range from benign fever to severe encephalitis and fatal hepatitis with hemorrhagic fever. The Bunyaviridae family of viruses to which the RVF virus belongs are spherical enveloped viruses with a tripartite RNA genome of negative or ambisense polarity (2). The three segments are referred to as the L, M, and S segments. The L and M segments are negative polarity and code for the L-dependent RNA polymerase and glycoprotein precursor respectively. The S segment is of ambisense polarity and encodes the nucleoprotein and non-structural proteins (3).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	302596926
NCBI GeneID	9538291
NCBI Accession #	YP_003848707
NCBI GenBank Nucleotide #	NC_014395.1

UniProt Accession #	Q9QKA6 ; Q9QKA9
Molecular Weight	Predicted: 27 kDa
NCBI Official Full Name	nucleocapsid
NCBI Official Symbol	NP
NCBI Protein Information	nucleocapsid
UniProt Protein Name	Nucleocapsid protein
UniProt Gene Name	N
UniProt Entry Name	Q9QKA6_RVFV

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/rift-valley-fever-virus-nucleocapsid-antibody-elisa/40579>