

Rift Valley Fever Virus Nucleocapsid Antibody

Catalog # ASC11673

Product Information

Application	E
Primary Accession	Q9QKA6
Other Accession	YP_003848707 , 302596926
Reactivity	Virus
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	27 KDa
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	RVF virus nucleocapsid antibody can detect 10ng RVF virus nucleocapsid peptide in ELISA at 1 µg/mL.

Additional Information

Gene ID	9538291
Target/Specificity	NP;
Reconstitution & 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.
Precautions	Rift Valley Fever Virus Nucleocapsid Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

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).

References

Morrill JC and McClain DJ. Epidemiology and pathogenesis of the Rift Valley fever and other phleboviruses, p.

281-93 in H Fraenkel-Conrat and RR Wagner (ed.) The viruses. Plenum Press, New York, NY.
Schmaljohn C and Hooper JW. Bunyaviridae: the viruses and their replication, 4th ed. Lippincott Williams & Wilkins, Philadelphia, PA.
Giorgi C, Accardi L, Nicoletti M, et al. Sequences and coding strategies of the S RNAs of Toscana and Rift Valley fever viruses compared to those of Punta Toro, Sicilian sandfly fever, and Uukuniemi viruses. Virology 1991; 180:738-53.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.