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Datasheet for ABIN6991878
anti-RVFP N antibody (AA 70-120)

Overview

Quantity:	0.1 mg
Target:	RVFP N
Binding Specificity:	AA 70-120
Reactivity:	Rift Valley Fever Virus (RVFP)
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA

Product Details

Immunogen:	RVFP virus nucleocapsid antibody was raised against a 17 amino acid peptide near the center of the RVFP virus nucleocapsid. The immunogen is located within amino acids 70 - 120 of Rift Valley Fever Virus Nucleocapsid.
Isotype:	IgG
Purification:	Rift Valley Fever Virus Nucleocapsid Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	RVFP N
Alternative Name:	Rift Valley Fever Virus Nucleocapsid (RVFP N Products)
Target Type:	Viral Protein
Background:	Rift Valley Fever Virus Nucleocapsid Antibody: Rift Valley Fever (RVFP) virus is an arthropod-

Target Details

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).

Molecular Weight: Predicted: 27 kDa

Gene ID: 9538291

NCBI Accession: [YP_003848707](#)

UniProt: [Q9QKA6](#)

Application Details

Application Notes: RVF virus nucleocapsid antibody can detect 10 ng RVF virus nucleocapsid peptide in ELISA at 1 µg/mL.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rift Valley Fever Virus Nucleocapsid Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: Rift Valley Fever Virus Nucleocapsid antibody can be stored at 4°C for three months and -20°C, stable for up to one year.