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Datasheet for ABIN5690228
anti-RVFL antibody (AA 370-420)

Overview

Quantity:	0.1 mg
Target:	RVFL
Binding Specificity:	AA 370-420
Reactivity:	Virus
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA

Product Details

Immunogen:	RVFL virus Polymerase antibody was raised against a 16 amino acid peptide near the amino terminus of the RVFL virus Polymerase. The immunogen is located within amino acids 370 - 420 of Rift Valley Fever Virus Polymerase.
Isotype:	IgG
Purification:	Rift Valley Fever Virus Polymerase Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	RVFL
Alternative Name:	Rift Valley Fever Virus Polymerase (RVFL Products)
Target Type:	Viral Protein

Target Details

Background: Rift Valley Fever Virus Polymerase 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).

Molecular Weight: Predicted: 230 kDa

Gene ID: 9538294

UniProt: [A2SZS2](#)

Application Details

Application Notes: RVF virus Polymerase antibody can detect 10 ng RVF virus Polymerase peptide in ELISA at 1 μ g/mL.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: RVF virus Polymerase 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: 4 °C, -20 °C

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