

Rabbit Rift Valley Fever Virus Polyclonal Antibody | anti-RVFPV_sM_gp1 antibody

Rift Valley Fever Virus Antibody

CATALOG # AAA40161	HOST Rabbit	REACTIVITY Virus	APPLICATIONS ELISA
------------------------------	-----------------------	----------------------------	------------------------------

PRODUCT SYNONYMS

Rift Valley Fever Virus; Polyclonal Antibody; Rift Valley Fever Virus Antibody; Envelope glycoprotein; M polyprotein; GP; anti-RVFPV_sM_gp1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Virus
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Rift Valley Fever Virus Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1206
Applicable Applications for anti-RVFPV_sM_gp1 antibody	ELISA
Conjugate	Unconjugated
Immunogen	RVF virus antibody was raised against a 19 amino acid synthetic peptide near the carboxy terminus of the RVF virus.
Buffer	Rift Valley Fever Virus Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	Rift Valley Fever Virus antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

ADDITIONAL INFORMATION

Related Product Information for anti-RVFPV_sM_gp1 antibody	Rift Valley Fever Virus 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. 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. 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. This RVF virus antibody was derived from a peptide sequence near the carboxy terminus of the polyprotein precursor translated from the M segment. It will therefore detect both the precursor and the Glycoprotein G2.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	1174956
NCBI GeneID	9538296

UniProt Accession #	P03518 ; Q86494 ; Q86495
Molecular Weight	132,053 Da
NCBI Official Full Name	Envelope glycoprotein
NCBI Official Symbol	RVFV_sM_gp1
NCBI Protein Information	glycoprotein
UniProt Protein Name	Envelope glycoprotein
UniProt Gene Name	GP
UniProt Synonym Gene Names	GP
UniProt Entry Name	GP_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-antibody-elisa/40161>