

Datasheet for 600-401-Y11**Andes Virus Glycoprotein Antibody****Overview**

Description:	Anti-Andes Virus Glycoprotein (RABBIT) Antibody - 600-401-Y11
Item No.:	600-401-Y11
Size:	100 µg
Applications:	ELISA
Reactivity:	Virus
Host Species:	Rabbit

Product Details

Background:	Andes virus (ANDV) is a rodent-borne hantavirus of the family Bunyaviridae, an enveloped, negative-sense RNA viruses with a tripartite genome that can cause hantavirus pulmonary syndrome (HPS) (1). It was isolated from an infected <i>Oligoryzomys longicaudatus</i> rodent in Chile, and is highly similar to the Sin Nombre virus (SNV).
Synonyms:	Andes Virus Glycoprotein Antibody,
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	ANDVsMgp1
Reactivity:	Virus
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-Andes virus glycoprotein antibody was prepared from whole rabbit serum produced by repeated immunizations with a 19 amino acid peptide near the N-terminus of the Andes virus glycoprotein.
Purity/Specificity:	Anti-Andes Virus Glycoprotein antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with Andes Virus Glycoprotein from other sources has not been determined.

Relevant Links:	• UniProtKB - Q80DP7 • GeneID - 991233 • NCBI - AA086638
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Application Details

Tested Applications:	ELISA
Application Note:	Anti-Andes Virus Glycoprotein Antibody has been tested for use in ELISA. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 125 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	User Optimized

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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