

Datasheet for 600-401-BP9**Hantaan Virus Glycoprotein Antibody****Overview**

Description:	Anti-Hantaan Virus Glycoprotein (RABBIT) Antibody - 600-401-BP9
Item No.:	600-401-BP9
Size:	100 µg
Applications:	ELISA
Reactivity:	Virus
Host Species:	Rabbit

Product Details

Background:	Hantaan virus (HNTV) is the prototype virus of the genus hantavirus of the family Bunyaviridae, an enveloped, negative-sense RNA virus that is the etiological agent of Korean hemorrhagic fever (1). The two glycoproteins of HNTV, G1 and G2, are encoded as a continuous open reading frame to produce a polypeptide precursor which is then processed to yield two glycoproteins (2). During infection both glycoproteins are found in the Golgi complex and co-expression is considered as a prerequisite for localization to the Golgi complex (2).
Synonyms:	Hantaan Virus Glycoprotein Antibody, Envelope glycoprotein, M polyprotein, GP
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	HTNVsMgp1
Reactivity:	Virus
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-Hantaan virus glycoprotein antibody was prepared from whole rabbit serum produced by repeated immunizations with an 18 amino acid peptide near the N-terminus of the Hantaan virus glycoprotein.

Purity/Specificity: Anti-Hantaan virus glycoprotein antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with Hantaan Virus Glycoprotein from other sources has not been determined.

Relevant Links:

- [UniProtKB - P08668](#)
- [GeneID - 2943079](#)
- [NCBI - BAA05012](#)

Application Details

Tested Applications: ELISA

Application Note: Anti-Hantaan 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 126 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: 1 µg/ml

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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