

Sin Nombre Virus Nucleocapsid Antibody
Catalog # ASC11756**Specification**

Sin Nombre Virus Nucleocapsid Antibody - Product Information

Application	E
Primary Accession	O9E1J8
Other Accession	AAG03030 , 9944924
Reactivity	Virus
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	N/A KDa
Application Notes	Sin Nombre virus nucleocapsid antibody can detect 10ng Sin Nombre virus nucleocapsid peptide in ELISA at 1 µg/ml.

Sin Nombre Virus Nucleocapsid Antibody - Additional Information

Gene ID	2943142
Target/Specificity	
SNVsSgp1;	

Reconstitution & Storage

Sin Nombre Nucleocapsid antibody can be stored at 4°C for three months and -20°C, stable for up to one year.

Precautions

Sin Nombre Virus Nucleocapsid Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Sin Nombre Virus Nucleocapsid Antibody - Protein Information**Sin Nombre Virus Nucleocapsid Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Sin Nombre Virus Nucleocapsid Antibody - Images

Sin Nombre Virus Nucleocapsid Antibody - Background

Sin Nombre virus (SNV) 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). The hantavirus nucleocapsid protein plays several roles in viral replication and assembly, and is the major antigen in humoral responses in humans and mice (2). Within the bunyviridae family, the nucleocapsid protein also functions as an RNA chaperone facilitating the formation of the stable genomic RNA “panhandle” and is thought to aid in the replication of bunyavirus RNA (3).

Sin Nombre Virus Nucleocapsid Antibody - References

Spiropoulou CF, Morzunov S, Feldmann H, et al. Genome structure and variability of a virus causing hantavirus pulmonary syndrome. *Virology* 1994; 200:715-23.
Tischler ND, Roseblatt M, and Valenzuela PD. Characterization of cross-reactive and serotype-specific epitopes on the nucleocapsid proteins of hantaviruses. *Virus Res.* 2008; 135:1-9.
Mir MA and Panganiban AT. The bunyavirus nucleocapsid protein is an RNA chaperone: possible roles in viral RNA panhandle formation and genome replication. *RNA* 2006; 12:272-82.