

Product datasheet for **TA160114**

SNVsSgp1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Recommended Dilution:	ELISA: 1 ug/mL
Reactivity:	Sin Nombre orthohantavirus
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Sin Nombre virus nucleocapsid antibody was raised against a 19 amino acid peptide near the center of the Sin Nombre virus nucleocapsid.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Background:	Sin Nombre virus (SNV) is a rodent-borne hantavirus of the family Bunyviridae, 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 and is thought to aid in the replication of bunyavirus RNA (3).



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