



Hantaan orthohantavirus Nucleocapsid Protein polyclonal antibody

Catalog: NCP0162P

Host: Rabbit

Reactivity: HTNV-NP

BackGround:

Orthohantaviruses belong to the family Hantaviridae of the order Bunyavirales and are enveloped negative-sense single-stranded RNA viruses^{1,2}. The viral RNA genomes are segmented into large (L), medium (M), and small (S) segments. The tripartite segments encode an RNA-dependent RNA polymerase (RdRp), two envelope glycoproteins (Gn and Gc), and a nucleocapsid (N) protein. Orthohantaviruses are transmitted to humans when viral infectious particles from the excreta of infected rodents are inhaled through the respiratory tract. HTNV, harbored by the striped field mouse (*Apodemus agrarius*), is an etiological agent for HFRS with fatality rates ranging between 1-15%.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

Swiss-Prot:

AY017064.1

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:2000

ELISA: 1:5000~10000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Hantaan orthohantavirus Nucleocapsid Protein polyclonal antibody detects endogenous levels of HTNV-NP protein.

DATA:

Note:

For research use only, not for use in diagnostic procedure.

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