

## Rabbit anti-CCHFV N pAb

Catalog #: 04-0011

Lot #: 1207002

### Description:

Affinity purified rabbit polyclonal antibody reactive to CCHFV N protein.

### Immunogen/ Target:

Peptide sequences specific to Crimean-Congo hemorrhagic fever virus (CCHFV) N.

**Formulation & Storage:** Supplied in PBS. Store at +4°C for 2-3 weeks, -20°C for long term. Avoid multiple freeze thaws.

### Notes & Usage Guidelines:

**Clonality/Isotype:** Polyclonal; N/A

**Host:** Rabbit

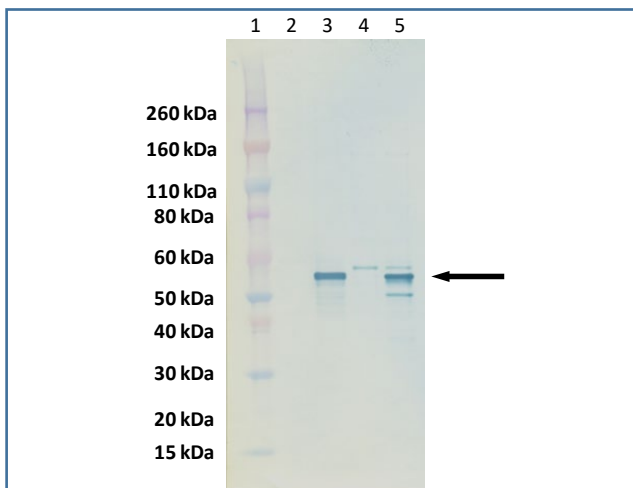
**ELISA:** Assay-dependent dilution

**WB:** Assay-dependent dilution

## Applications

### Western Blot Data:

Performed with CCHFV infected Vero cell lysates and HEK293T cell lysates transfected with recombinant CCHFV N protein (lanes 3 and 5, respectively). Mock infected Vero cell lysate (lane 2) and mock transfected HEK293 cell lysate (lane 4) were also used as negative controls. Blots were detected using anti-CCHFV N pAb at 5 ng/mL and visualized using an anti-rabbit HRP conjugate and chromogenic substrate (CCHFV N shown by arrow).



### ELISA Data:

Peptide immunogens were coated to plates at a concentration of 4 µg/mL, 100 µL/well in PBS. Affinity purified rabbit polyclonal antibody reactive to CCHFV N was serially diluted two-fold starting at 1:1,1000 dilution. Washed plates were detected with a goat anti-rabbit IgG HRP conjugate and TMB substrate. OD<sub>450</sub> is reported below.

### Capture ELISA Data:

	Dilution	OD450	
		Peptide 1	Peptide 2
NC	1:1,000	0.08	0.067
1	1:1,000	2.797	2.697
2	1:2,000	2.769	2.554
3	1:4,000	2.624	2.55
4	1:8,000	2.612	2.052
5	1:16,000	2.433	1.545
6	1:32,000	2.149	1.069
7	1:64,000	1.769	0.648
8	1:128,000	1.231	0.443
9	1:256,000	0.716	0.279
10	1:512,000	0.435	0.179
11	Blank	0.059	0.063
12	Blank	0.059	0.063
Titer		1:512,000	1:512,000
Starting dilution: 1:1,000 (Equivalent to 1 µg/ml)			
The titer is the highest dilution with S/B (Sample/Blank) >=2.1			
NC is negative control (Pre-immune serum)			

### Certificate of Testing for:

Lot#: **1207002**

Volume: 100 µg

Concentration: 0.97 mg/mL

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