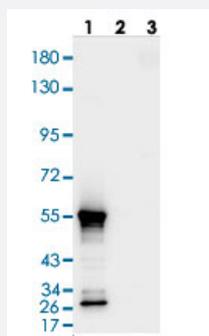


## SARS-CoV-2

# SARS-CoV-2 N polyclonal antibody

Catalog # PAB31752      Size 100 ug

## Applications



### Western Blot

Western blot analysis of Lane 1: N (SARS-CoV-2) Recombinant Protein (Cat # P6660), Lane 2: S1 (SARS-CoV-2) RBD Recombinant Protein (Cat # P6661), Lane 3: S (SARS-CoV-2) ECD Recombinant Protein (Cat # P6662) with SARS-CoV-2 N polyclonal antibody (1:500) and Goat Anti-Rabbit IgG (H&L) secondary antibody (HRP) (1:20000).

### ELISA experiment

|   | 1     |               |
|---|-------|---------------|
| A | 0.801 | . 1:100       |
| B | 0.9   | . 1:200       |
| C | 0.646 | . 1:500       |
| D | 0.556 | . 1:1000      |
| E | 0.367 | . 1:5000      |
| F | 0.509 | . 1:10000     |
| G | 0.442 | . 1:20000     |
| H | 0.126 | Blank control |

### Enzyme-linked Immunoabsorbent Assay

ELISA analysis was coated by N (SARS-CoV-2) Recombinant Protein (Cat # P6660), 100 uL/well at 2 ug/mL, was performed by loading SARS-CoV-2 N polyclonal antibody at various concentrations and Goat Anti-Rabbit IgG (H&L) secondary antibody (HRP) (1:10000).

## Specification

|                            |  |
|----------------------------|--|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against partial synthetic peptide of SARS-CoV-2 N. |
| <b>Immunogen</b>           | A synthetic peptide corresponding to amino acids 311-360 of SARS-CoV-2 N.            |
| <b>Host</b>                | Rabbit   |
| <b>Reactivity</b>          | SARS-CoV-2   |
| <b>Specificity</b>         | The antibody detects endogenous levels of SARS-CoV-2 N.                              |
| <b>Form</b>                | Liquid   |

|                            |  |
|----------------------------|--|
| <b>Purification</b>        | Affinity purification  |
| <b>Purity</b>              | > 95% by SDS-PAGE  |
| <b>Isotype</b>             | IgG  |
| <b>Recommend Usage</b>     | ELISA<br>Western Blot (1:500)<br>The optimal working dilution should be determined by the end user.                    |
| <b>Storage Buffer</b>      | In PBS, pH 7.2 (0.02% sodium azide).   |
| <b>Storage Instruction</b> | Store at 4°C for short term. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.  |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

## Applications

- Western Blot

Western blot analysis of Lane 1: N (SARS-CoV-2) Recombinant Protein (Cat # P6660), Lane 2: S1 (SARS-CoV-2) RBD Recombinant Protein (Cat # P6661), Lane 3: S (SARS-CoV-2) ECD Recombinant Protein (Cat # P6662) with SARS-CoV-2 N polyclonal antibody (1:500) and Goat Anti-Rabbit IgG (H&L) secondary antibody (HRP) (1:20000).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis was coated by N (SARS-CoV-2) Recombinant Protein (Cat # P6660), 100  $\mu$ L/well at 2  $\mu$ g/mL, was performed by loading SARS-CoV-2 N polyclonal antibody at various concentrations and Goat Anti-Rabbit IgG (H&L) secondary antibody (HRP) (1:10000).