



Affinity-purified Polyclonal Antibody against SARS-CoV-2 Nucleocapsid Protein (NP)

Catalog Number: 41A229

Size: 100 µg

Host: Rabbit

Nucleocapsid protein (NP) is the most abundant protein on the helical nucleocapsid of severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), which causes Coronavirus disease 2019 (COVID-19). NP envelopes the entire genomic RNA of SARS-CoV-2 and is useful for early diagnosis.

Immunogen:

Bacterially-expressed recombinant SARS-CoV-2 Nucleocapsid Protein (NP) with total 418 A.A.

Purification:

Affinity purification with recombinant SARS-CoV-2 NP as an affinity ligand

Isotype:

Mainly IgG

Formulation and storage:

100 µL solution in PBS with 0.02% azide (1µg/µl). Store at -20°C. For long-term storage, aliquot and freeze at -80°C. Avoid repeated freeze/defrost cycles. Spin the tube briefly before opening the tube.

Application/Usage:

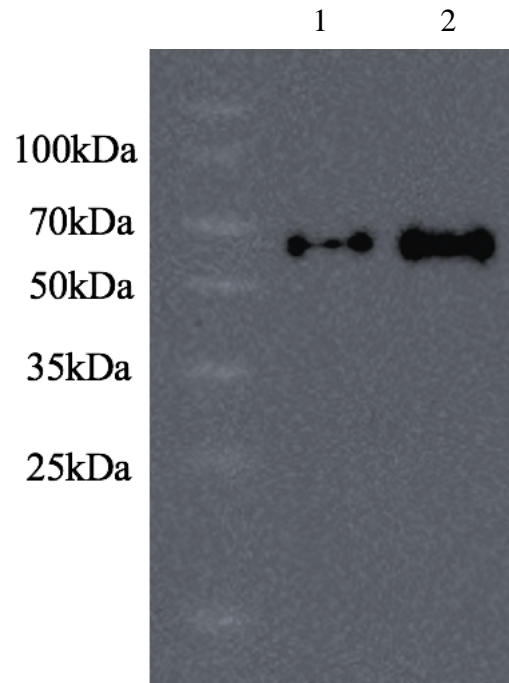
Elisa: This antibody can be used at 1-3 µg/mL with the appropriate secondary detection antibody to detect SARS-CoV-2 NP protein

Western blot: This antibody can be used at 1-2 µg/mL followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody to detect SARS-CoV-2 protein.





ImmunoDiagnostics Limited **Product Datasheet**



Western blot analysis of recombinant Nucleocapsid protein 0.5 ng (Lane 1) and 1 ng (Lane 2) using anti-NP Ab followed by Goat anti-rabbit antibody. Please Note: Optimal dilutions should be determined by each laboratory for each application.

