

DATASHEET

COVID-19 Nucleocapsid Protein Rabbit Polyclonal Antibody

CAT. NO. APA12519

KEY FEATURES

Target	COVID-19 Nucleocapsid Protein	Source / Host	Rabbit
Reactivity	COVID-19	Clonality	Polyclonal
Applications	WB, ELISA	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Packages the positive strand viral genome RNA into a helical ribonucleocapsid (RNP) and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M and plays a fundamental role during virion assembly through its interactions with the viral genome and membrane protein M . Plays an important role in enhancing the efficiency of subgenomic viral RNA transcription as well as viral replication. Attenuates the stress granules formation by reducing host G3BP1 access to host mRNAs under stress conditions .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:1000 - 1:3000
ELISA	Use at an assay dependent dilution

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

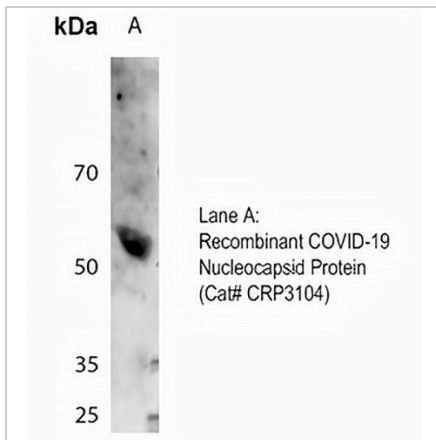
Description	Rabbit polyclonal antibody to COVID-19 Nucleocapsid Protein
Specificity	Recognizes COVID-19 Nucleocapsid Protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of COVID-19 Nucleocapsid Protein. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: \; Observed: 50-60 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Nucleoprotein; Nucleocapsid protein; NC; Protein N
Gene Symbol	N
Entrez Gene	43740575(Human)
SwissProt	PODTC9(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET**COVID-19 Nucleocapsid Protein Rabbit Polyclonal Antibody**

CAT. NO. APA12519

DATA

Western blot analysis of COVID-19 Nucleocapsid Protein using Recombinant COVID-19 Nucleocapsid Protein (A). (Predicted band size: \; Observed band size: 50-60 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.