

Rabbit COVID 19 Nucleocapsid (NP) Coronavirus Polyclonal Antibody | anti-COVID-19 antibody

Polyclonal Antibody to SARS-CoV-2 nucleocapsid Protein

CATALOG # AAA78545	HOST Rabbit	APPLICATIONS Western Blot, ELISA
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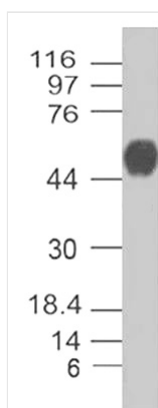
PRODUCT SYNONYMS

COVID 19 Nucleocapsid (NP) Coronavirus; Polyclonal Antibody; Polyclonal Antibody to SARS-CoV-2 nucleocapsid Protein; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Nucleocapsid; Nucleoprotein (NP); anti-COVID-19 antibody

PRODUCT SPECIFICATIONS

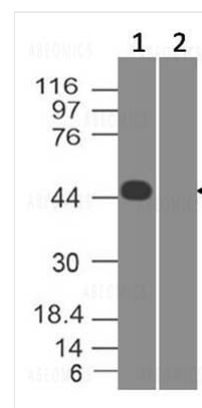
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Protein A Chromatography
Form/Format	Purified; 100ug in 200ul PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Applicable Applications for anti-COVID-19 antibody	WB (Western Blot), ELISA
Immunogen	SARS-CoV-2/COVID-19 Nucleocapsid (Ser2-Ala419) with His-tag in N-terminal was used as the immunogen for this antibody.
Preparation and Storage	Store the antibody at 4 degree C, stable for 6 months. For long-term storage, store at -20 degree C. Avoid repeated freeze and thaw cycles.

IMAGES



WB (Western Blot)

Figure-2: Western Blot analysis of Nucleocapsid antibody (SARS-CoV-2): Anti- Nucleocapsid antibody (SARS-CoV-2) was used at 1ug/ml on recombinant Nucleocapsid Protein .



WB (Western Blot)

Figure-1: Western Blot analysis of SARS-CoV-2 Nucleocapsid Protein: Anti- SARS-CoV-2 Nucleocapsid Protein (AAA78545) was used at 2ug/ml on (1) SARS-CoV-2 virus infected Vero Cell lysate and (2) Mock infected lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-COVID-19 antibody	The structural nucleocapsid (N) protein of nCoV/SARS-CoV-2/COVID-19 is a predicted 46 kDa phosphoprotein having 419 amino acid residues. A short Serine rich stretch and a recognized nuclear localization signal are the unique features of the nucleocapsid protein of nCoV/SARS-CoV-2/COVID-19, which seems to have a little homology with the proteins of other members of this large corona virus family. These features also suggest the involvement of nucleocapsid protein of nCoV/SARS-CoV-2/COVID-19 in different stages of viral lifecycle. The protein has multifaceted activities including packing of the nCoV/SARS-CoV-2/COVID-19 viral genome into a helical ribonucleocapsid (RNP) and playing an important role in viral self-assembly causing nCoV/SARS-CoV-2/COVID-19. The nucleocapsid protein of nCoV/SARS-CoV-2/COVID-19 also forms dimer in the cell by self-association with the help of interactive C terminal domain.
Product Categories/Family for anti-COVID-19 antibody	Antibodies; Infectious Diseases

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/covid-19-nucleocapsid-np-coronavirus-antibody-western-blot-elisa/78545>