

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

Anti-NP Protein (SARS-CoV-2) Polyclonal Antibody

CATALOG # AAA13776	HOST Rabbit	APPLICATIONS Western Blot, ELISA
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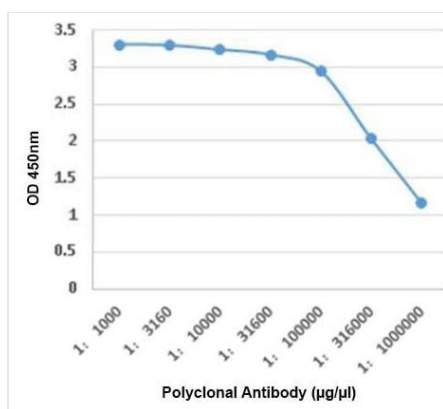
PRODUCT SYNONYMS

COVID 19 Nucleocapsid (NP) Coronavirus; Polyclonal Antibody; Anti-NP Protein (SARS-CoV-2) Polyclonal Antibody; 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
Specificity	Reacts with NP protein of SARS-CoV-2. Cross-reaction to NP proteins from other coronavirus not tested.
Purity/Purification	Protein G immunoaffinity chromatography
Concentration	2 ug/ul in PBS with 0.1% gelatin and 0.1% sodium azide (varies by lot)
Applicable Applications for anti-COVID-19 antibody	WB (Western Blot), ELISA
Application Notes	Western blot (1:500-1:2000) and ELISA, May be used for other applications
Immunogen	Full length nucleocapsid protein of SARS-CoV-2 (Gene Accession#: MN908947)
Preparation and Storage	Store at -20 degree C; Stable for 6-months from the date of shipment when kept at 4 degree C. Non-hazardous. No MSDS required.

IMAGES



ELISA

Figure 1. Titration curves of anti-NP rabbit polyclonal antibody to SARS-CoV-2 NP protein. 96-well corning EILSA plate was coated with SARS-CoV-2 NP protein at a concentration of 2 ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-COVID-19 antibody	Rabbit polyclonal anti-NP protein (SARS-CoV-2) antibody Introduction: The novel coronavirus (SARS-CoV-2), previously called 2019-nCoV, is a newly identified coronavirus causing the ongoing outbreak of atypical pneumonia in Wuhan China from late 2019. The genome of SARS-CoV-2 has 89% nucleotide identity with bat SARS-like-CoVZXC21 and 82% with that of human SARS-CoV. The phylogenetic trees of their orf1a/b, Spike, Envelope, Membrane and Nucleoprotein also clustered closely with those of the bat, civet and human SARS coronaviruses. However, the external subdomain of Spike's receptor binding domain (RCB) of SARS-CoV-2 shares only 40% amino acid identity with other SARS-related coronaviruses.
Product Categories/Family for anti-COVID-19 antibody	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/13776>