Rabbit COVID 19 NSP9 Coronavirus Polyclonal Antibody | anti-COVID-19 antibody

SARS-CoV-2 (COVID-19) NSP9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40911	**Rabbit**	**Virus**	**Western Blot, ELISA**

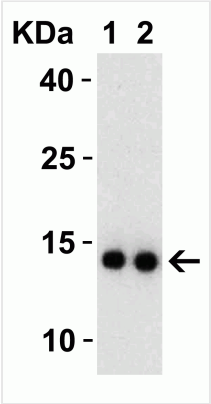
PRODUCT SYNONYMS

COVID 19 NSP9 Coronavirus; Polyclonal Antibody; SARS-CoV-2 (COVID-19) NSP9 Antibody; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; NSP9; anti-COVID-19 antibody

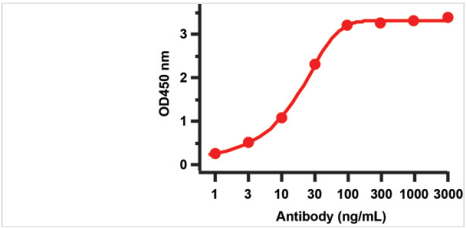
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Virus
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SARS-CoV-2 (COVID-19) NSP9 Antibody is affinity chromatography purified via peptide column
Form/Format	Liquid SARS-CoV-2 (COVID-19) NSP9 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-COVID-19 antibody	WB (Western Blot), ELISA
Immunogen	Anti-SARS-CoV-2 (COVID-19) NSP9 antibody (**9163**) was raised against a peptide corresponding to 14 amino acids near the carboxyl terminus of SARS-CoV-2 (COVID-19) NSP9 protein. The immunogen is located within the last 50 amino acids of the SARS-CoV-2 (COVID-19) NSP9 protein
Homology	Predicted reactivity based on immunogen sequence: SARS-CoV NSP9 protein: (100%)
Conjugation	Unconjugated
Preparation and Storage	SARS-CoV-2 (COVID-19) NSP9 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



WB (Western Blot)
Figure 2 Western Blot Validation with SARS-CoV-2 (COVID-19) NSP9 ProteinLoading: 30 ng per lane of SARS-CoV-2 (COVID-19) NSP9 recombinant protein (10-417).Antibodies: SARS-CoV-2 (COVID-19) NSP9, 9163, 1h incubation at RT in 5% NFDM/TBST.Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution.Lane 1: 0.5 μg/mL andLane 2: 1 μg/mL



ELISA
Figure 1 ELISA Validation with SARS-CoV-2 (COVID-19) NSP9 ProteinAntibodies: SARS-CoV-2 (COVID-19) NSP9 Antibody, 9163. A direct ELISA was performed using SARS-CoV-2 NSP9 recombinant protein (10-417) as coating antigen and the anti-SARS-CoV-2 (COVID-19) NSP9 antibody as the capture antibody. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:20000 dilution. Detection range is from 0.3 ng/mL to 3000 ng/mL

ADDITIONAL INFORMATION

Related Product Information for anti-COVID-19 antibody	Coronavirus disease 2019 (COVID-19), formerly known as 2019-nCoV acute respiratory disease, is an infectious disease caused by SARS-CoV-2, a virus closely related to the SARS virus (1). The disease is the cause of the 2019-20 coronavirus outbreak (2). The structure of 2019-nCoV consists of the following: a spike protein (S), hemagglutinin-esterease dimer (HE), a membrane glycoprotein (M), an envelope protein (E) a nucleoclapid protein (N) and RNA. NSP9 may participate in viral replication by acting as a ssRNA-binding protein (3).
Product Categories/Family for anti-COVID-19 antibody	Infectious Disease; COVID-19
References	Gorbalenya. bioRxiv: 2020. Hui et al. Int J Infect Dis. 2020;91:264-266. Miknis et. al. J.Virol. 2009;83:3007-3018

NCBI AND UNIPROT INFORMATION

NCBI GI #	1826688926
NCBI GeneID	43740578

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-nsp9-coronavirus-antibody-western-blot-elisa/40911