

Rabbit COVID 19 NSP15 Coronavirus Polyclonal Antibody | anti-COVID-19 antibody

SARS-CoV-2 (COVID-19) NSP15 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40929	Rabbit	VirusPredicted reactivity based on immunogen sequence: SARS-CoV NSP15 protein: (100%)	Western Blot, ELISA

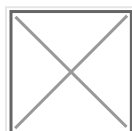
PRODUCT SYNONYMS

COVID 19 NSP15 Coronavirus; Polyclonal Antibody; SARS-CoV-2 (COVID-19) NSP15 Antibody; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; NSP15; Uridylate-specific endoribonuclease; NendoU; Non-structure protein 15; ORF1a polyprotein; ORF1ab polyprotein; anti-COVID-19 antibody

PRODUCT SPECIFICATIONS

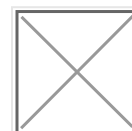
Host	Rabbit
Reactivity	Virus Predicted reactivity based on immunogen sequence: SARS-CoV NSP15 protein: (100%)
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	SARS-CoV-2 (COVID-19) NSP15 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid. SARS-CoV-2 (COVID-19) NSP15 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
Organism	Severe acute respiratory syndrome coronavirus 2
Immunogen	Anti-SARS-CoV-2 (COVID-19) NSP15 antibody was raised against a peptide corresponding to 15 amino acids near the carboxyl terminus of SARS-CoV-2 (COVID-19) NSP15 protein. The immunogen is located within the last 50 amino acids of the SARS-CoV-2 (COVID-19) NSP15 protein.
Conjugation	Unconjugated
Protein GI#	1851775710
Preparation and Storage	SARS-CoV-2 (COVID-19) NSP15 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) NSP15 Protein; Loading: 30 ng per lane of SARS-CoV-2 (COVID-19) NSP15 recombinant protein). Antibodies: SARS-CoV-2 (COVID-19) NSP15, 9269, 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 and Lane 2: 1 µg/mL



ELISA

Figure 1 ELISA Validation with SARS-CoV-2 (COVID-19) NSP15 ProteinAntibodies: SARS-CoV-2 (COVID-19) NSP15 Antibody, 9269. A direct ELISA was performed using SARS-CoV-2 NSP15 recombinant protein (10-420) as coating antigen and the anti-SARS-CoV-2 (COVID-19) NSP15 antibody as the capture antibody. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:20000 dilution. Detection range is from 1 ng/mL to 3000 ng/mL

ADDITIONAL INFORMATION

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.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	43740578
UniProt Accession #	P0DTC1

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-nsp15-coronavirus-antibody-western-blot-elisa/40929>