

Product Datasheet

SARS-CoV-2 pp1ab polyprotein Antibody - BSA Free NBP3-27904

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-27904

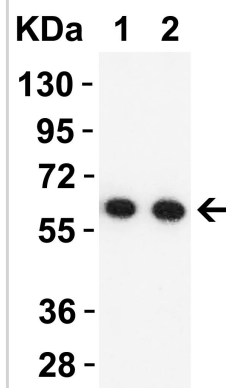
SARS-CoV-2 pp1ab polyprotein Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Purity	Peptide affinity purified
Buffer	PBS
Product Description	
Host	Rabbit
Gene ID	43740578
Gene Symbol	ORF1ab
Species	Virus
Immunogen	SARS-CoV-2 pp1ab polyprotein antibody was raised against a peptide corresponding to 16 amino acids near the central domain of SARS-CoV-2 pp1ab polyprotein protein. The immunogen is located within 120-170 amino acids of the SARS-CoV-2 pp1ab polyprotein protein.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 0.5 ug/mL, ELISA, Immunohistochemistry 0.5 ug/mL

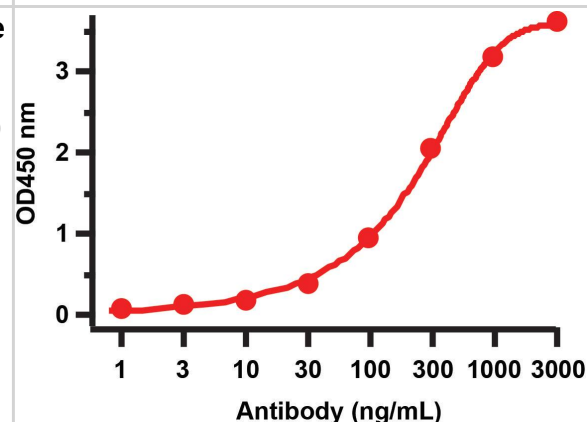


Images

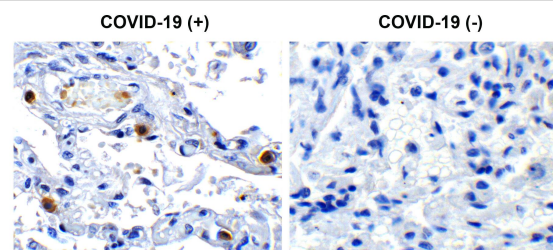
Western Blot: SARS-CoV-2 pp1ab polyprotein Antibody [NBP3-27904] - Loading: 30 ng per lane of SARS-CoV-2 (COVID-19) NSP16 recombinant protein (10-418). Antibodies: SARS-CoV-2 (COVID-19) NSP16, 1h incubation at RT in 5% NFDM/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Lane 1: 1 u/mL and Lane 2: 2 u/mL



ELISA: SARS-CoV-2 pp1ab polyprotein Antibody [NBP3-27904] - **Figure 2 ELISA Validation with SARS-CoV-2 (COVID-19) NSP16 Protein** Antibodies: SARS-CoV-2 (COVID-19) NSP16 Antibody, . A direct ELISA was performed using SARS-CoV-2 NSP16 recombinant protein (10-418) as coating antigen and the anti-SARS-CoV-2 (COVID-19) NSP16 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



Immunohistochemistry: SARS-CoV-2 pp1ab polyprotein Antibody [NBP3-27904] - Immunohistochemical analysis of paraffin-embedded COVID-19 patient lung tissue using anti- SARS-CoV-2 (COVID-19) NSP16 antibody (0.5 u/mL). Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4C. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin. Strong signal of SARS-COV-2 NSP16 protein was observed in macrophage of COVID-19 patient lung, but not in non-COVID-19 patient lung.





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