

Product Datasheet

SARS-CoV-2 3CL Protease Antibody - BSA Free NBP3-07061

Unit Size: 0.1 mg

Store at -20 degrees C. Avoid freeze/thaw cycles.

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NBP3-07061**SARS-CoV-2 3CL Protease Antibody - BSA Free**

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at -20 degrees C. Avoid freeze/thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Peptide affinity purified
Buffer	PBS

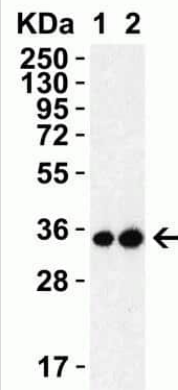
Product Description	
Description	Novus Biologicals Rabbit SARS-CoV-2 3CL Protease Antibody - BSA Free (NBP3-07061) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-SARS-CoV-2 3CL Protease Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	43740578
Gene Symbol	ORF1ab
Species	SARS-CoV-2
Reactivity Notes	Predicted reactivity based on immunogen sequence: SARS-CoV 3CL-PRO (NSP5) protein: (87%)
Immunogen	This antibody was raised against a peptide corresponding to 15 amino acids in the center of SARS-CoV-2 (COVID-19) 3CL-PRO (NSP5) protein. The immunogen is located within 80-130 amino acids of the SARS-CoV-2 (COVID-19) 3CL-PRO (NSP5) protein.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 0.5 ug/ml, ELISA 1 ug/mL

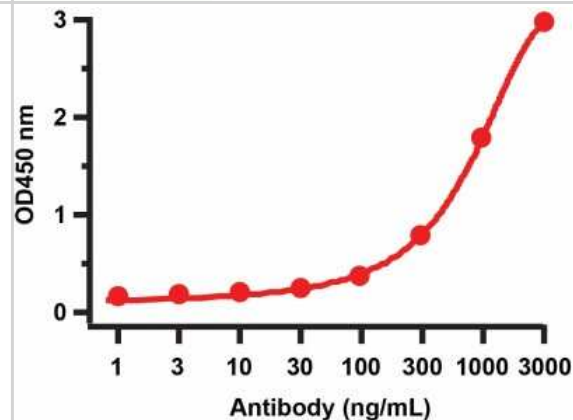


Images

Western Blot: SARS-CoV-2 3CL Protease Antibody [NBP3-07061] - Western Blot Validation with SARS-CoV-2 3CL Protease Protein. Loading: 30 ng per lane of SARS-CoV-2 3CL Protease recombinant protein (10-400). Antibodies: SARS-CoV-2 3CL Protease (NBP3-07061), 1h incubation at RT in 5% NFD/MTBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Lane 1: 0.5 ug/ml and Lane 2: 1 ug/ml



ELISA: SARS-CoV-2 3CL Protease Antibody [NBP3-07061] - ELISA Validation with SARS-CoV-2 3CL Protease Protein . Antibodies: SARS-CoV-2 3CL Protease Antibody, NBP3-07061. A direct ELISA was performed using SARS-CoV-2 3CL-PRO (NSP5) recombinant protein as coating antigen and the anti-SARS-CoV-2 3CL Protease 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



Publications

Planes R, Pinilla M, Santoni K et al. Human NLRP1 is a sensor of pathogenic coronavirus 3CL proteases in lung epithelial cells *Molecular cell* 2022-05-16 [PMID: 35594856] (WB, ICC/IF, SARS-CoV-2)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-07061

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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