

Product Datasheet

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

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-07061

Updated 10/19/2023 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-07061



NBP3-07061**SARS-CoV-2 3CL Protease 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 |
| Isotype | IgG |
| Purity | Peptide affinity purified |
| Buffer | PBS |

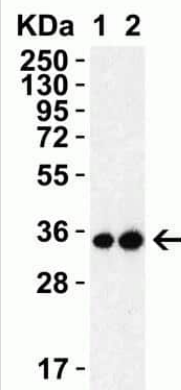
| Product Description | |
|----------------------------|---|
| Host | Rabbit |
| Gene ID | 43740578 |
| Gene Symbol | ORF1ab |
| Species | SARS-CoV-2 |
| Reactivity Notes | Predicted reactivity based on immunogen sequence: SARS-CoV 3CL-PRO (NSP5) protein: (87%) |
| Immunogen | This antibody was raised 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 |

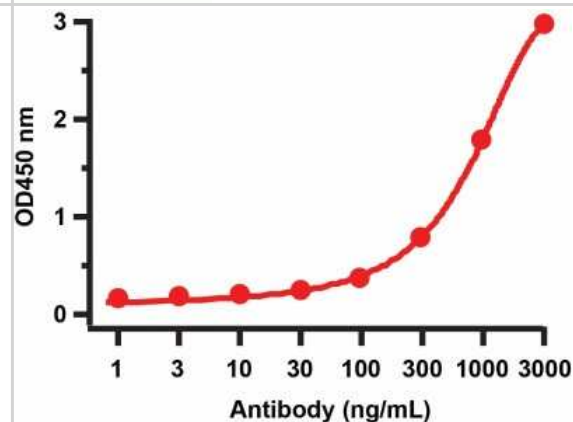


Images

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% NFDm/TBST. 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

| | |
|------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBP2-92992 | Recombinant SARS-CoV-2 3CL Protease (Avi Epitope Tag) His Avi-tag Protein |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-07061

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

