

# Product Datasheet

## SARS Nucleocapsid Protein Antibody - BSA Free NB100-56049

Unit Size: 0.1 mg

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

### Publications: 3

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-56049](http://www.novusbio.com/NB100-56049)

Updated 9/9/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB100-56049](http://www.novusbio.com/reviews/destination/NB100-56049)



**NB100-56049****SARS Nucleocapsid Protein Antibody - BSA Free**

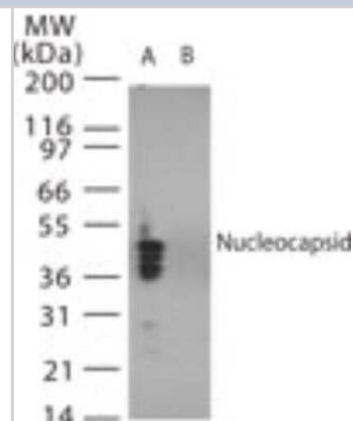
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Rabbit SARS Nucleocapsid Protein Antibody - BSA Free (NB100-56049) is a polyclonal antibody validated for use in WB and ELISA. Anti-SARS Nucleocapsid Protein Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1489678
Gene Symbol	N
Species	SARS-CoV
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: COVID-19 (94%)
Immunogen	The antibody was developed by immunizing Rabbit with a synthetic peptide corresponding to amino acids 84-99 (C-IGYYRRATRRIRGGDG) from the N (SARS Nucleocapsid) for the Human SARS coronavirus (Genbank accession no. YP_009724397.2)

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:100-1:2000
Application Notes	The antibody was tested on a cell line transfected with full-length SARS Nucleocapsid cDNA with a predicted molecular weight of 46 kDa.

**Images**

Western Blot: SARS Nucleocapsid Protein Antibody [NB100-56049] - Analysis of SARS Nucleocapsid in (A) transfected mouse melanoma cell lysate and (B) untransfected cell lysate using this antibody.



## Publications

Cameron A, Porterfield CA, Byron LD et al. A Multiplex Microsphere IgG Assay for SARS-CoV-2 Using ACE2-Mediated Inhibition as a Surrogate for Neutralization *Journal of Clinical Microbiology* 2021-01-21 [PMID: 33139422]

Ren Lili, Yang Renquan, Guo Li et al. Apoptosis induced by the SARS-associated coronavirus in Vero cells is replication-dependent and involves caspase. *DNA Cell Biol.* 2005-08-01 [PMID: 16101347]

Zhang L, Wei L, Jiang D et al. SARS-CoV nucleocapsid protein induced apoptosis of COS-1 mediated by the mitochondrial pathway. *Artif Cells Blood Substit Immobil Biotechnol.* 2007-01-01 [PMID: 17453707]

### Details:

WB: Fig. 1 (COS-1, Huh-7, and Hep2 transiently or mock-transfected with SARS Matrix, Spike, or Nucleocapsid proteins), Antibodies were transfected validated. Imgenex products cited: 1. SARS-Spike (IMG-5119A) 2. SARS-Spike (IMG-5015) 3. SARS-M (IMG-5125A).





### **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 NB100-56049**

---

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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB100-56049](http://www.novusbio.com/reviews/submit/NB100-56049)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

