

Product Datasheet

SIN3B Antibody - BSA Free

NBP2-20367

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 7

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-20367

Updated 9/24/2025 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/NBP2-20367



NBP2-20367

SIN3B Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Target Molecular Weight	133 kDa

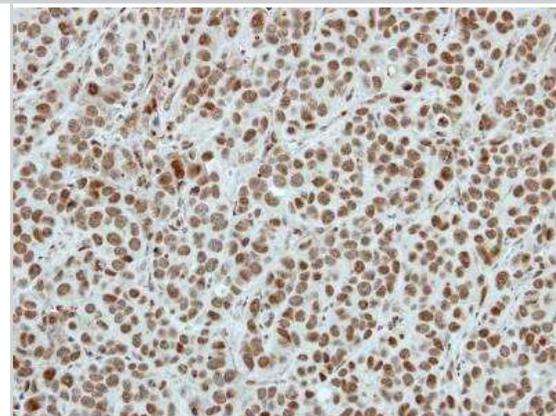
Product Description	
Description	Novus Biologicals Rabbit SIN3B Antibody - BSA Free (NBP2-20367) is a polyclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-SIN3B Antibody: Cited in 6 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23309
Gene Symbol	SIN3B
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 24691445).
Immunogen	Recombinant protein encompassing a sequence within the center region of human SIN3B. The exact sequence is proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry 1:100-1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin 1:100-1:1000

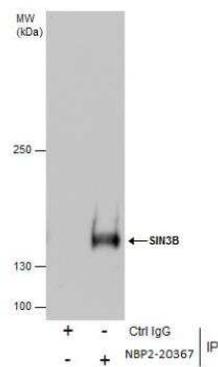


Images

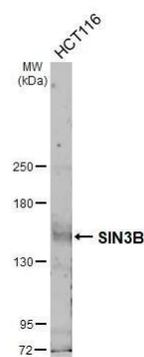
Immunohistochemistry-Paraffin: SIN3B Antibody [NBP2-20367] - MCF7 xenograft, using SIN3B antibody at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Immunoprecipitation: SIN3B Antibody [NBP2-20367] - Immunoprecipitation of SIN3B protein from HCT-116 whole cell extracts using 5 ug of SIN3B antibody [N1N2], N-term. Western blot analysis was performed using SIN3B antibody [N1N2], N-term. EasyBlot anti-Rabbit IgG was used as a secondary reagent.



Whole cell extract (30 ug) was separated by 5% SDS-PAGE, and the membrane was blotted with SIN3B antibody [N1N2], N-term (NBP2-20367) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



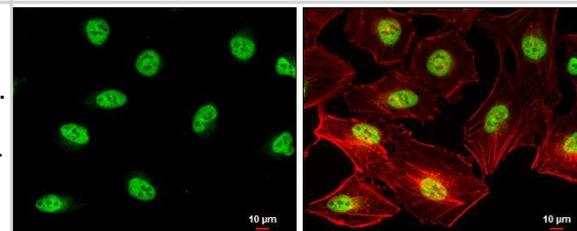
SIN3B antibody [N1N2], N-term detects SIN3B protein at nucleus by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: SIN3B protein stained by SIN3B antibody [N1N2], N-term (NBP2-20367) diluted at 1:500.

Red: phalloidin, a cytoskeleton marker, diluted at 1:200.

Scale bar = 10 um.



Publications

Bao L, Kumar A, Zhu M et al. SAP30 promotes breast tumor progression by bridging the transcriptional corepressor SIN3 complex and MLL1 *Journal of Clinical Investigation* 2023-09-01 [PMID: 37655663] (Immunohistochemistry-Paraffin, Human, Mouse)

Zhang Z, Tang Y, Wang Y et al. SIN3B Loss Heats up Cold Tumor Microenvironment to Boost Immunotherapy in Pancreatic Cancer *Adv Sci (Weinh)* 2024-09-24 [PMID: 39316363]

Morales-Valencia J, Petit C, Calderon A et al. Chromatin-associated SIN3B protects cancer cells from genotoxic stress-induced apoptosis and dictates DNA damage repair pathway choice *Molecular cancer research : MCR* 2023-06-14 [PMID: 37314748]

Jorge MV From DNA Damage Repair to Cellular Plasticity: How Cancer Cells Respond to Genotoxic Stress Thesis 2022-01-01

Dybas JM, OLeary CE, Ding H et al. Integrative proteomics reveals an increase in non-degradative ubiquitylation in activated CD4+ T cells *Nat. Immunol.* 2019-06-01 [PMID: 31061531] (WB, Mouse)

Bainor AJ, Deng FM, Wang Y et al. Chromatin-associated protein SIN3B prevents prostate cancer progression by inducing senescence *Cancer Res.* 2017-08-14 [PMID: 28807943] (IF/IHC, Mouse)

Rielland M, Cantor DJ, Graveline R et al. Senescence-associated SIN3B promotes inflammation and pancreatic cancer progression. *J. Clin. Invest.* 2014-04-01 [PMID: 24691445] (IHC-P, Human, Mouse)





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 NBP2-20367

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-20367

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

