

Product Datasheet

DNA-PKcs Antibody NB100-657

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

www.novusbio.com



technical@novusbio.com

Reviews: 1 **Publications: 4**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-657

Updated 9/9/2025 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/NB100-657



NB100-657

DNA-PKcs Antibody

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS, 0.1% BSA

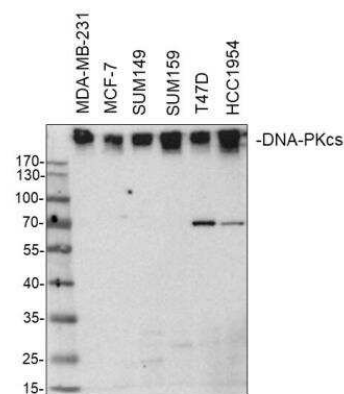
Product Description	
Description	Novus Biologicals Rabbit DNA-PKcs Antibody (NB100-657) is a polyclonal antibody validated for use in WB and IP. Anti-DNA-PKcs Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5591
Gene Symbol	PRKDC
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residues 1850 and 1900 of human DNA-Dependent Protein Kinase, catalytic subunit using the numbering given in entry NP_008835.5 (GeneID 5591).

Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000 - 1:10000, Immunoprecipitation 2 - 5 ug/mg lysate
Application Notes	This antibody is useful for Western Blot and Immunoprecipitation (Ku80 immunoprecipitates along with DNA-PKcs when using this antibody). Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. In some cases, the antibody may be diluted further than indicated. DNA-PKcs antibody validated for WB from a verified customer review.

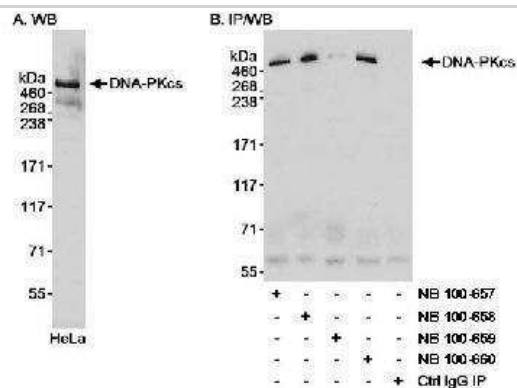


Images

Western Blot: DNA-PKcs Antibody [NB100-657] - MDA-MB-231, MCF-7, SUM149, SUM159, T47D, HCC1954, whole cell lysates (50 ug/lane). 10% SDS-PAGE. DNA-PKcs (NB100-657) primary antibody at 1:1000, 4C, overnight. Western blot image submitted by a verified customer review.



Western Blot: DNA-PKcs Antibody [NB100-657] - Detection of Human DNA-PKcs on HeLa whole cell lysate using NB100-657. DNA-PKcs antibodies NB100-658, NB100-659 and NB100-660.



Publications

Rafaelle Spear, Ludovic Boytard, Renaud Blervaque, Maggy Chwastyniak, David Hot, Jonathan Vanhoutte, Bart Staels, Yves Lemoine, Nicolas Lamblin, François-René Pruvot, Stephan Haulon, Philippe Amouyel, Florence Pinet, Jonathan Golledge, Joseph V. Moxon Adventitial Tertiary Lymphoid Organs as Potential Source of MicroRNA Biomarkers for Abdominal Aortic Aneurysm International Journal of Molecular Sciences 2015-05-18 [PMID: 25993295]

Izumi N, Yamashita A, Iwamatsu A et al. AAA+ proteins RUVBL1 and RUVBL2 coordinate PIKK activity and function in nonsense-mediated mRNA decay. Sci Signal 2010-04-01 [PMID: 20371770]

Hossain MB, Ji P, Anish R et al. Poly(ADP-ribose) Polymerase 1 Interacts with Nuclear Respiratory Factor 1 (NRF-1) and Plays a Role in NRF-1 Transcriptional Regulation. J Biol Chem 2009-03-01 [PMID: 19181665]

Chou WC, Wang HC, Wong FH et al. Chk2-dependent phosphorylation of XRCC1 in the DNA damage response promotes base excision repair. EMBO J. 2008-12-03 [PMID: 18971944]



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 NB100-657

NB800-PC1	HeLa Whole Cell Lysate
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/NB100-657

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

