

# Product Datasheet

## DNA-PKcs Antibody NB100-657

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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**NB100-657**

## DNA-PKcs Antibody

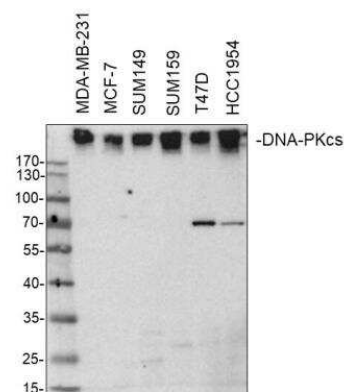
Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS, 0.1% BSA

Product Description	
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).

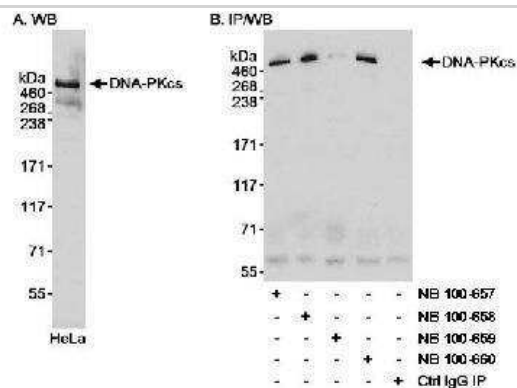
Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000 - 1:10000, Immunoprecipitation 2 - 5 ug/mg lysate
Application Notes	This antibody is useful for Western Blot and Immunoprecipitation (Ku80 immunoprecipitates along with DNA-PKcs when 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]



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### **Products Related to NB100-657**

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NB800-PC1	HeLa Whole Cell Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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### **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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