

Product Datasheet

DNA Polymerase lambda Antibody NB100-81664

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB100-81664**DNA Polymerase lambda 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 and 0.1% BSA
Target Molecular Weight	63 kDa

Product Description

Host	Rabbit
Gene ID	27343
Gene Symbol	POLL
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 150 and 200 of human polymerase (DNA directed), lambda using the numbering given in entry NP_037406.1 (GeneID 27343).

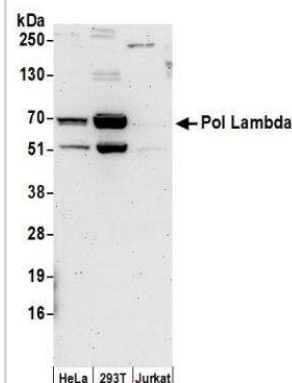
Product Application Details

Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunoprecipitation 2-10 ug/mg lysate

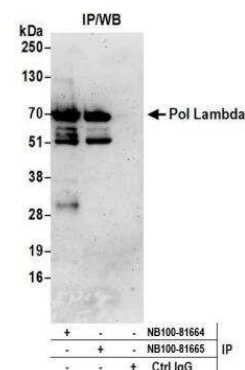


Images

Western Blot: DNA Polymerase lambda Antibody [NB100-81664] - Detection of Human Pol Lambda by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa, 293T, and Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Pol Lambda antibody NB100-81664 used for WB at 0.1 ug/ml. Detection : Chemiluminescence with an exposure time of 3 minutes.



Immunoprecipitation: DNA Polymerase lambda Antibody [NB100-81664] - Detection of human Polymerase lambda by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Pol Lambda antibody NB100-81664 used for IP at 6 ug per reaction. Pol Lambda was also immunoprecipitated by rabbit anti-Pol Lambda antibody NB100-81665. For blotting immunoprecipitated Pol Lambda, NB100-81664 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

Cerqueira PG, Meyer D, Zhang L et al. *Saccharomyces cerevisiae* DNA polymerase IV overcomes Rad51 inhibition of DNA polymerase ? in Rad52-mediated direct-repeat recombination *Nucleic acids research* 2023-04-18 [PMID: 37070185]



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Products Related to NB100-81664

NBL1-14573	DNA Polymerase lambda Overexpression 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

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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