

Product Datasheet

DNA Polymerase lambda Antibody - BSA Free NB100-81665

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB100-81665**DNA Polymerase lambda Antibody - BSA Free**

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

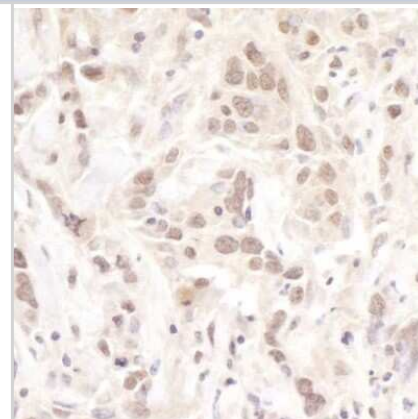
Product Description	
Host	Rabbit
Gene ID	27343
Gene Symbol	POLL
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 525 and 575 of human polymerase (DNA directed), lambda using the numbering given in entry NP_037406.1 (GeneID 27343).

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Western Blot (Negative)
Recommended Dilutions	Immunohistochemistry 1:500-1:2000, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:500-1:2000, Western Blot (Negative)
Application Notes	Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections. Western Blot Not recommended.

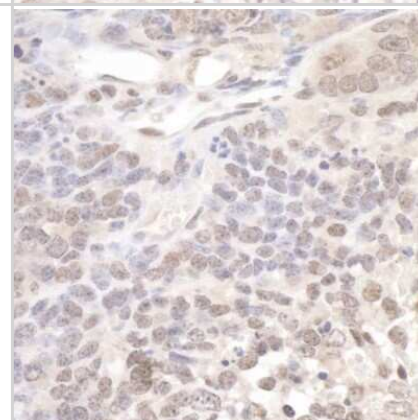


Images

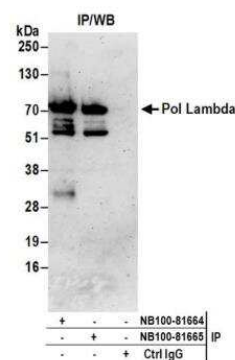
Immunohistochemistry-Paraffin: DNA Polymerase lambda Antibody [NB100-81665] - Detection of human Pol Lambda by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti- Pol Lambda (NB100-81665). Detection: DAB



Immunohistochemistry-Paraffin: DNA Polymerase lambda Antibody [NB100-81665] - Detection of mouse Pol Lambda by immunohistochemistry. Sample: FFPE section of mouse teratoma. Antibody: Affinity purified rabbit anti- Pol Lambda (NB100-81665). Detection: DAB



Immunoprecipitation: DNA Polymerase lambda Antibody [NB100-81665] - Detection of human Pol 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 NB100-81665 used for IP at 6 ug per reaction. Pol Lambda was also immunoprecipitated by rabbit anti-Pol Lambda antibody NB100-81664. For blotting immunoprecipitated Pol Lambda, NB100-81665 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Publications

Chandramouly G, Jamsen J, Borisonnik N et al. Pol lambda promotes microhomology-mediated end-joining Nature structural & molecular biology 2022-12-19 [PMID: 36536104] (WB, Human)

Details:

Dilution used in WB 1:1000



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Products Related to NB100-81665

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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