

Product Datasheet

XPV/DNA polymerase eta Antibody NB100-60424

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB100-60424

XPV/DNA polymerase eta 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	78 kDa

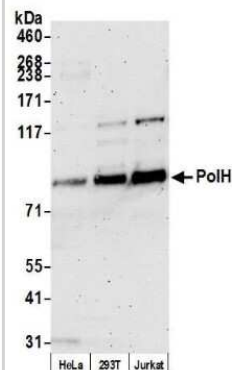
Product Description	
Description	Novus Biologicals Rabbit XPV/DNA polymerase eta Antibody (NB100-60424) is a polyclonal antibody validated for use in WB, ICC/IF and IP. Anti-XPV/DNA polymerase eta Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5429
Gene Symbol	POLH
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 690 and 713 of human polymerase (DNA directed), eta using the numbering given in entry NP_006493.1 (GeneID 5429).

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

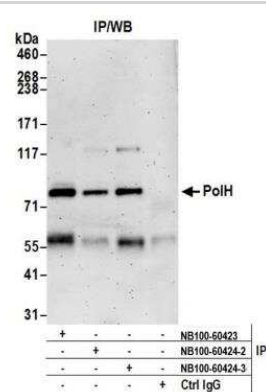


Images

Western Blot: XPV/DNA polymerase eta Antibody [NB100-60424] - Detection of human PolH by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified Rabbit anti-PolH antibody NB100-60424 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Immunoprecipitation: XPV/DNA polymerase eta Antibody [NB100-60424] - Detection of human XPV/DNA polymerase eta/PolH by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified Rabbit anti-PolH antibody NB100-60424 (lot 3) used for IP at 6 ug per reaction. PolH was also immunoprecipitated by a previous lot of this antibody (lot 2) and rabbit anti-PolH antibody NB100-60423. For blotting immunoprecipitated PolH, NB100-60424 was used at 0.1 ug/ml. Chemiluminescence with an exposure time of 3 minutes.



Publications

Castaño BA, Schorer S, Guo Y et Al. The levels of p53 govern the hierarchy of DNA damage tolerance pathway usage *Nucleic Acids Res* 2024-04-24 [PMID: 38321962]

Ihle M Connections between stem cell features, EMT, DNA Replication and DNA damage response: mechanisms and therapeutic implication Thesis 2021-01-01 (WB, PLA, ICC/IF, Rabbit)

Barkley LR, Palle K, Durando M et al. c-Jun N-terminal kinase-mediated Rad18 phosphorylation facilitates Pol? recruitment to stalled replication forks. *Mol Biol Cell* 2012-05-01 [PMID: 22456510]

Day TA, Palle K, Barkley LR et al. Phosphorylated Rad18 directs DNA polymerase ? to sites of stalled replication. *J Cell Biol* 2010-11-01 [PMID: 21098111]



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Products Related to NB100-60424

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.

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