

Product Datasheet

DNA polymerase alpha Antibody NBP1-47257

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NBP1-47257

DNA polymerase alpha Antibody

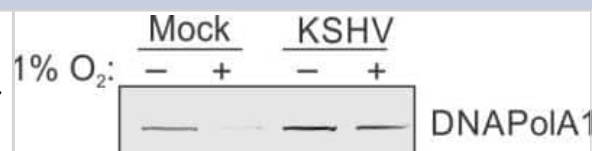
Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS, 0.1% BSA

Product Description	
Host	Rabbit
Gene ID	5422
Gene Symbol	POLA1
Species	Human
Immunogen	The immunogen for this product maps to a region between residue 1175 and 1225 of human Polymerase (DNA directed), Alpha 1, Catalytic Subunit using the numbering given in entry NP_058633.2 (GenelD 5422).

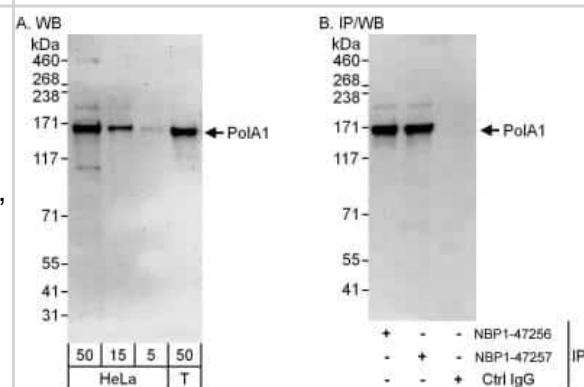
Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000 - 1:10000, Immunoprecipitation 2 - 5 ug/mg lysate

Images

Western Blot: DNA polymerase alpha Antibody [NBP1-47257] - Human B cell lysate (40 ug). KSHV infection protects DNA polA1 from hypoxia mediated degradation. Mock or KSHV infected B cells were grown under normoxic or hypoxic condition followed by detecting DNA polA1 levels. Western blot image submitted by a verified customer review.



Western Blot: DNA polymerase alpha Antibody [NBP1-47257] - Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) and 293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PolA1 antibody NBP1-47257 used for WB at 0.04 ug/mL (A) and 0.4 ug/ml (B) and used for IP at 3 ug/mg lysate. PolA1 was also immunoprecipitated by rabbit anti-PolA1 antibody NBP1-47256, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



Publications

Singh RK, Lamplugh ZL, Lang F et al. KSHV-encoded LANA protects the cellular replication machinery from hypoxia induced degradation PLoS Pathog. 2019-09-01 [PMID: 31479497] (WB, Human)





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Products Related to NBP1-47257

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
H00005422-Q01-10ug	Recombinant Human DNA polymerase alpha GST (N-Term) Protein

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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