PolH Antibody

Rabbit Polyclonal

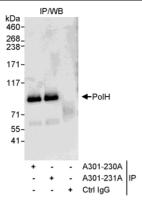
Antigen Affinity PurifiedCatalog No.A301-230ALot No.A301-230A-1

Protein ID NP_006493.1 Gene ID 5429



APPLICATIONS	IP
REACTIVITY TESTED	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rhesus Monkey, Chimpanzee, Crab-eating macaque and Northern white-cheeked gibbon.
ISOTYPE	lgG
AMOUNT	0.1 ml at 1 mg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to PolH immobilized on solid support.
	The epitope recognized by A301-230A maps to a region between residue 640 and 690 of human polymerase (DNA directed), eta using the numbering given in entry NP_006493.1 (GeneID 5429).
	Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.
APPLICATIONS	Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.
	Western Blot Not recommended. Use A301-231A.
	Immunoprecipitation 2 to 5 µg/mg lysate
APPLICATION NOTES	Validation by IP/Western Blot was performed using a 4-8% SDS-PAGE gel and ReliaBLOT [®] Reagents (Cat. No. WB120).
ADDITIONAL INFO	http://www.bethyl.com/product/A301-230A
	Use the link above to view SDS, a current list of citations, and other product specific information.

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Detection of Human PolH by Western Blot of Immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-PolH antibody A301-230A used for IP at 3 μ g/mg lysate. PolH was also immunoprecipitated by rabbit anti-PolH antibody A301-231A, which recognizes a downstream epitope. For blotting immunoprecipitated PolH, A301-231A was used at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

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