

PolH Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A301-230A

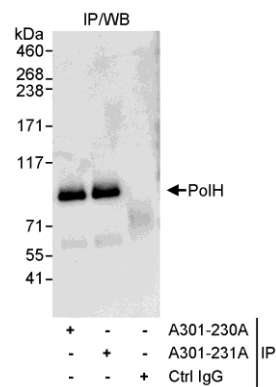
Lot No. A301-230A-1

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	IgG
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	<p>Antibody was affinity purified using an epitope specific to PolH immobilized on solid support.</p> <p>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).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot Not recommended. Use A301-231A.</p> <p>Immunoprecipitation 2 to 5 µg/mg lysate</p>
APPLICATION NOTES	Validation by IP/Western Blot was performed using a 4-8% SDS-PAGE gel and ReliaBLOT® Reagents (Cat. No. WB120).
ADDITIONAL INFO	<p>http://www.bethyl.com/product/A301-230A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>



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 µg/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 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.