PolH Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_006493.1

Catalog No. A301-230A-T

GeneID 5429

Lot No. A301-230A-T-2

APPLICATIONS	IP
SPECIES REACTIVITY	Human
AMOUNT	10 µl
CONCENTRATION	1000 µg/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
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to PolH immobilized on solid support. The epitope recognized by A301-230A-T 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 rabbit anti-PolH antibody A301-231A.
Immunoprecipitation	2 - 5 µg/mg lysate

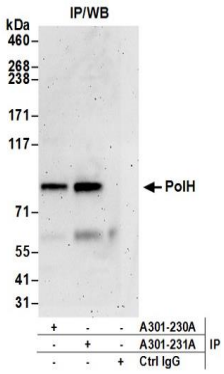
ADDITIONAL INFO https://www.bethyl.com/product/A301-230A-T

Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD Date: June 6, 2022



Detection of human 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 A301-230A (lot A301-230A-2) used for IP at 3 µg per reaction. PolH was also immunoprecipitated by rabbit anti-PolH antibody A301-231A. For blotting immunoprecipitated PolH, A301-231A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.