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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Pol Lambda Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_037406.1

Catalog No. A301-641A-T GenelD 27343

Lot No. A301-641A-T-2

APPLICATIONS IP, IHC

SPECIES REACTIVITY Human, Mouse

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Rat

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 Pol Lambda immobilized on solid support.

The epitope recognized by A301-641A-T maps to a region between residue 525 and 575 of human polymerase (DNA directed), lambda using the numbering given in entry NP_037406.1 (GenelD 27343).

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-Pol Lambda antibody A301-640A.

Immunoprecipitation 2 – 10 µg/mg lysate

Immunohistochemistry 1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

ADDITIONAL INFO <https://www.bethyl.com/product/A301-641A-T>

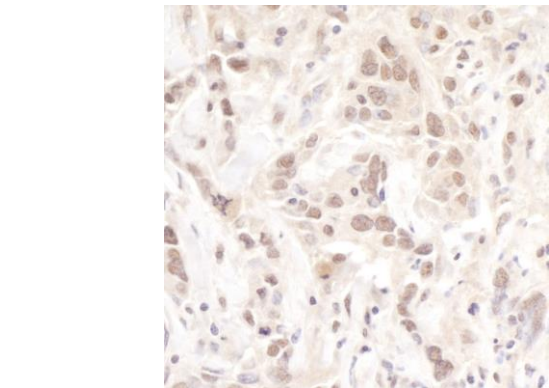
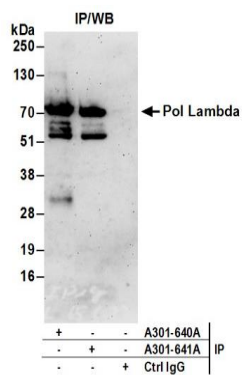
Use the link above to view SDS, a current list of citations, and other product specific information.

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.

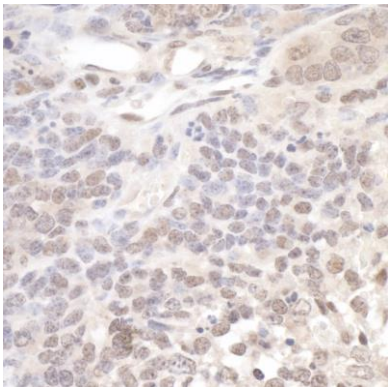
Michael Spencer, PhD

Date: June 6, 2022



Detection of human Pol Lambda by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-Pol Lambda antibody A301-641A (lot A301-641A-2) used for IP at 6 µg per reaction. Pol Lambda was also immunoprecipitated by rabbit anti-Pol Lambda antibody A301-640A. For blotting immunoprecipitated Pol Lambda, A301-640A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

Detection of human Pol Lambda by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-Pol Lambda (Cat. No. A301-641A Lot2) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB



Detection of mouse Pol Lambda by immunohistochemistry. *Sample:* FFPE section of mouse teratoma. *Antibody:* Affinity purified rabbit anti-Pol Lambda (Cat. No. A301-641A Lot2) used at a dilution of 1:1,000 (1 µg/ml). *Detection:* DAB