

DNL3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID CAA59230.1

Catalog No. A301-637A

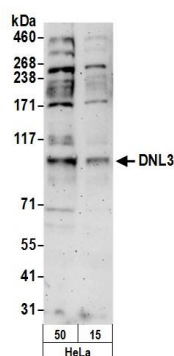
GeneID 3980

Lot No. A301-637A-2

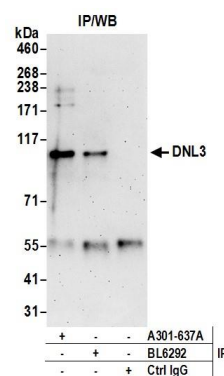


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|------------------------------|--|
| APPLICATIONS | WB, IP |
| SPECIES REACTIVITY | Human |
| AMOUNT | 100 µl |
| CONCENTRATION | 200 µg/ml |
| STORAGE/SHELF LIFE | 2 - 8° C / 1 year from date of receipt |
| PHYSICAL STATE | Liquid |
| BUFFER | Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide |
| ISOTYPE | IgG |
| ORIGIN | USA |
| PRODUCTION PROCEDURES | <p>Antibody was affinity purified using an epitope specific to DNL3 immobilized on solid support.</p> <p>The epitope recognized by A301-637A maps to a region between residue 800 and 850 of human DNA Ligase III using the numbering given in entry CAA59230.1 (GeneID 3980).</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 1:2,000 - 1:10,000</p> <p>Immunoprecipitation 2 - 10 µg/mg lysate</p> |
| APPLICATION NOTES | <p>Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).</p> <p>Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.</p> |
| ADDITIONAL INFO | <p>https://www.bethyl.com/product/A301-637A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p> <p>IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB</p> |

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of human DNL3 by western blot. *Samples:* Whole cell lysate (15 and 50 μ g) from HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-DNL3 antibody A301-637A (lot A301-637A-2) used for WB at 0.1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



Detection of human DNL3 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-DNL3 antibody A301-637A (lot A301-637A-2) used for IP at 6 μ g per reaction. DNL3 was also immunoprecipitated by rabbit anti-DNL3 antibody BL6292. For blotting immunoprecipitated DNL3, A301-637A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.