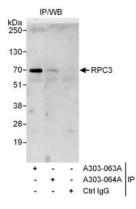
| RPC3 Antibody   |  |  |                      |                      |  |                   |
|---|--|--|----------------------|----------------------|--|-------------------|
| Rabbit Polyclonal<br>Antigen Affinity Purified<br>Catalog No. A303–063A |  |  | Protein ID<br>GenelD | NP_006459.3<br>10623 |  |                   |
| Lot No.   |  | 063A-1   | Geneid               | 10025                |  | BETHYL            |
| APPLICATIONS  |  | IP   |                      |                      |  | LABORATORIES, INC |
| SPECIES REACTIVITY  |  | Human  |                      |                      |  |                   |
| AMOUNT  |  | 100 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<br>PROCEDURES  |  | Antibody was affinity purified using an epitope specific to RPC3 immobilized on solid support.   |                      |                      |  |                   |
|   |  | The epitope recognized by A303-063A maps to a region between residue 200 and 250 of human Polymerase (RNA) III (DNA directed) Polypeptide C (62kD) using the numbering given in entry NP_006459.3 (GeneID 10623).                                      |                      |                      |  |                   |
|   |  | Antibody 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                  | t recommended        |  |                   |
|   |  | Immunoprecip   | itation 2 –          | 5 µg/mg lysate       |  |                   |
| APPLICATION NOTES   |  | Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020),<br>Goat anti–Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 4–20% SDS–PAGE<br>(link to IP–western blot protocol in Additional Info section below). |                      |                      |  |                   |
| ADDITIONAL INFO   |  | https://www.bethyl.com/product/A303-063A   |                      |                      |  |                   |
|   |  | Use the link above to view SDS, a current list of citations, and other product specific information.<br>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. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.



## Detection of human RPC3 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-RPC3 antibody A303-063A used for IP at 6  $\mu$ g/mg lysate. RPC3 was also immunoprecipitated by rabbit anti-RPC3 antibody A303-064A, which recognizes a downstream epitope. For blotting immunoprecipitated RPC3, A303-064A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. Shall not be lible or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.