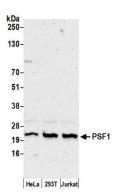
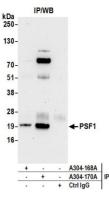
| PSF1 Antibody                                  |       |  |                |  |  |
|--|-------|--|----------------|--|--|
| Rabbit Polyclonal<br>Antigen Affinity Purified |       | Protein ID   | NP_066545.3    |  |  |
| Catalog No. A304-170A                          |       | GenelD   | 9837           | RETUVI   |  |
| Lot No.  | A304- | 170A-2   |                |  |  |
| APPLICATIONS                                   |       | WB, IP   |                |  |  |
| SPECIES REACTIVITY                             |       | Human  |                |  |  |
| AMOUNT   |       | 100 μΙ   |                |  |  |
| 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 PSF1 immobilized on solid support.   |                |  |  |
|  |       | The epitope recognized by A304–170A maps to a region between residue 146 to 196 of human GINS Complex Subunit 1 using the numbering given in entry NP_066545.3 (GeneID 9837).  |                |  |  |
|  |       | 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   | 1:2            | ,000 - 1:10,000  |  |
|  |       | 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). |                |  |  |
|  |       | Western blot of  | lysates perfor | med using standard weste                                 | rn blot reagents and 4–20% SDS-PAGE.                             |
| ADDITIONAL INFO                                |       | https://www.bethyl.com/product/A304-170A   |                |  |  |
|  |       |  |                | S, a current list of citation<br>s://www.bethyl.com/cont | s, and other product specific information.<br>ent/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

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**Detection of Human PSF1 by Western Blot.** *Samples:* Whole cell lysate (50  $\mu$ g) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-PSF1 antibody A304-170A (lot A304-170A-2) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

## Detection of Human PSF1 by Western Blot of

**Immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-PSF1 antibody A304–170A (lot A304–170A–2) used for IP at 3 µg per reaction. PSF1 was also immunoprecipitated by rabbit anti-PSF1 antibody A304–168A. For blotting immunoprecipitated PSF1, A304–170A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.