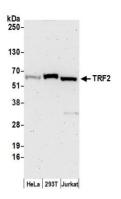
TRF2 Antibody **Rabbit Polyclonal** Antigen Affinity Purified Protein ID NP 005643.1 A300-796A 7014 Catalog No. GenelD Lot No. A300-796A-3 ORA APPLICATIONS WB. IP SPECIES REACTIVITY Human AMOUNT 100 ul CONCENTRATION $200 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt PHYSICAL STATE Liauid BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide **ISOTYPE** IgG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to TRF2 immobilized on solid support. PROCEDURES The epitope recognized by A300-796A maps to a region between residue 375 and 425 of human Telomeric Repeat Binding Factor 2 using the numbering given in entry NP_005643.1 (GeneID 7014). 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 1:2,000 - 1:10,000 Immunoprecipitation $2 - 5 \mu q/mq$ lysate APPLICATION NOTES 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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE. ADDITIONAL INFO https://www.bethyl.com/product/A300-796A Use the link above to view SDS, a current list of citations, and other product specific information.

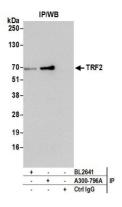
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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

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Detection of human TRF2 by western blot. *Samples:* Whole cell lysate (50 μg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-TRF2 antibody A300-796A (lot A300-796A-3) used for WB at 0.1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.



Detection of human TRF2 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-TRF2 antibody A300-796A (lot A300-796A-3) used for IP at 3 μ g per reaction. TRF2 was also immunoprecipitated by rabbit anti-TRF2 antibody BL2641. For blotting immunoprecipitated TRF2, A300-796A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.