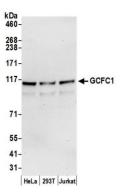
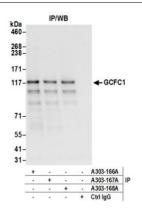
GCFC1 Antibody **Rabbit Polyclonal** Antigen Affinity Purified Protein ID NP 057715.2 Catalog No. A303-166A GenelD 94104 Lot No. A303-166A-1 BOBA APPLICATIONS WB. IP SPECIES REACTIVITY Human AMOUNT 100 ul CONCENTRATION $200 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt PHYSICAL 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 GCFC1 immobilized on solid support. PROCEDURES The epitope recognized by A303-166A maps to a region between residue 225 and 275 of human GC-rich Sequence DNA-binding Factor 1 using the numbering given in entry NP_057715.2 (GeneID 94104). 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 Immunoprecipitation $2 - 10 \mu g/mg$ 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 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE. ADDITIONAL INFO https://www.bethyl.com/product/A303-166A 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. Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019

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Detection of human GCFC1 by western blot. Samples: Whole cell lysate (15 μ g) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-GCFC1 antibody A303-166A (lot A303-166A-1) used for WB at 0.04 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds. Detection of human GCFC1 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-GCFC1 antibody A303-166A (lot A303-166A-1) used for IP at 6 μ g per reaction. GCFC1 was also immunoprecipitated by rabbit anti-GCFC1 antibodies A303-167A and A300-168A. For blotting immunoprecipitated GCFC1, A303-166A was used at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.