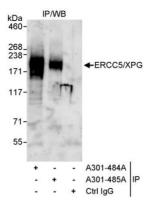
ERCC5/XPG Antibody **Rabbit Polyclonal** NP 000114.2 Antigen Affinity Purified Protein ID Catalog No. A301-485A GenelD 2073 Lot No. A301-485A-1 BOBATOB APPLICATIONS IP SPECIES REACTIVITY Human AMOUNT 100 ul CONCENTRATION $1000 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt PHYSICAL STATE Liauid BUFFER Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide ISOTYPE IgG ORIGIN USA PRODUCTION Antibody was affinity purified using an epitope specific to ERCC5/XPG immobilized on solid PROCEDURES support. The epitope recognized by A301–485A maps to a region between residue 1136 and 1186 of human excision repair cross-complementing rodent repair deficiency, complementation group 5 (xeroderma pigmentosum, complementation group G (Cockavne syndrome)) using the numbering given in entry NP_000114.2 (GeneID 2073). 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 Not recommended. Use rabbit anti-ERCC5/XPG antibody A301-484A. Immunoprecipitation $2 - 5 \mu q/mq$ lysate APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100-020), 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). ADDITIONAL INFO https://www.bethyl.com/product/A301-485A 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 ERCC5/XPG 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-ERCC5/XPG antibody A301-485A used for IP at 3 µg/mg lysate. ERCC5/XPG was also immunoprecipitated by rabbit anti-ERCC5/XPG antibody A301-484A, which recognizes an upstream epitope. For blotting immunoprecipitated ERCC5/XPG, A301-485A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

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