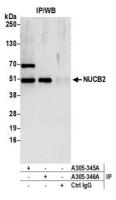
NUCB2 Antibody **Rabbit Polyclonal** Antigen Affinity Purified Protein ID P80303.2 Catalog No. A305-345A GenelD 4925 Lot No. A305-345A-1 BOBA APPLICATIONS IP SPECIES REACTIVITY Human AMOUNT 100 ul CONCENTRATION $1000 \,\mu g/ml$ STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt PHYSICAL STATE 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 NUCB2 immobilized on solid support. PROCEDURES The epitope recognized by A305–345A maps to a region between residue 175 to 225 of human Nucleobindin-2 using the numbering given in entry P80303.2 (GeneID 4925). 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 recommended. Use rabbit anti-NUCB2 antibody A305-346A. Immunoprecipitation $2 - 10 \mu q/mq$ lysate Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100-020), APPLICATION NOTES 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). **ADDITIONAL INFO** https://www.bethyl.com/product/A305-345A 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 NUCB2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0

mmunoprecipitates. Samples. whole cell lysate (0.5 of 1.0 mg per IP reaction; 20% of IP loaded) from Jurkat cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-NUCB2 antibody A305-345A (lot A305-345A-1) used for IP at 6 μ g per reaction. NUCB2 was also immunoprecipitated by rabbit anti-NUCB2 antibody A305-346A. For blotting immunoprecipitated NUCB2, A305-345A was used at 1 μ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.