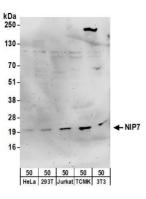
NIP7 Antibody **Rabbit Polyclonal** Antigen Affinity Purified NP_057185.1 Protein ID Catalog No. A303-974A GenelD 51388 Lot No. A303-974A-1 ABOBA WB, IP APPLICATIONS SPECIES REACTIVITY Human, Mouse PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Pig and Orangutan AMOUNT 100 ul CONCENTRATION 1000 ua/ml STORAGE/SHELF LIFE $2 - 8^{\circ} C / 1$ 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 Antibody was affinity purified using an epitope specific to NIP7 immobilized on solid support. PROCEDURES The epitope recognized by A303-974A maps to a region between residue 130 to 180 of human Nuclear Import 7 using the numbering given in entry NP_057185.1 (GeneID 51388). 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 1:1.000 - 1:5.000Immunoprecipitation 2 – 10 μ g/mg 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 4-12% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

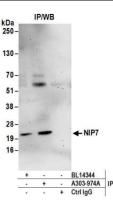
ADDITIONAL INFO https://www.bethyl.com/product/A303-974A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

Western blot of lysates performed using standard western blot reagents and 4-12% SDS-PAGE.

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 and mouse NIP7 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. *Antibodies:* Affinity purified rabbit anti-NIP7 antibody A303-974A (lot A303-974A-1) used for WB at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

Detection of human NIP7 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-NIP7 antibody A303-974A (lot A303-974A-1) used for IP at 6 μ g/mg lysate. NIP7 was also immunoprecipitated by rabbit anti-NIP7 antibody BL14344. For blotting immunoprecipitated NIP7, A303-974A was used at 1 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.