

# NUP93 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_055484

Catalog No. A303-979A-T GenelD 9688

Lot No. A303-979A-T-2

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|                              |  |
|------------------------------|--|
| <b>APPLICATIONS</b>          | WB, IP   |
| <b>SPECIES REACTIVITY</b>    | Human  |
| <b>PRESUMED REACTIVITY</b>   | Based on 100% sequence identity, this antibody is predicted to react with Mouse, Rat, Bovine and Orangutan |
| <b>AMOUNT</b>                | 10 µl  |
| <b>CONCENTRATION</b>         | 1000 µg/ml   |
| <b>STORAGE/SHELF LIFE</b>    | 2 – 8°C / 1 year from date of receipt  |
| <b>PHYSICAL STATE</b>        | Liquid   |
| <b>BUFFER</b>                | Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide                                     |
| <b>ISOTYPE</b>               | IgG  |
| <b>ORIGIN</b>                | USA  |
| <b>PRODUCTION PROCEDURES</b> | Antibody was affinity purified using an epitope specific to NUP93 immobilized on solid support.            |

The epitope recognized by A303-979A-T maps to a region between residue 606 to 656 of human Nucleoporin 85kDa using the numbering given in entry NP\_079120.1 (GeneID 9688).

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 – 5 µg/mg lysate

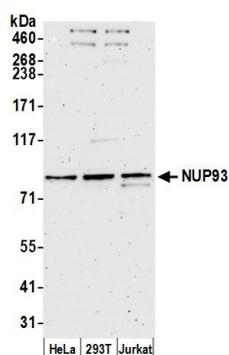
**ADDITIONAL INFO** <https://www.bethyl.com/product/A303-979A-T>

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](https://www.bethyl.com/content/protocol_IP_WB)

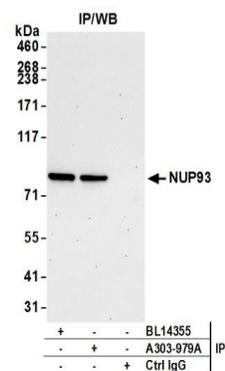
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: June 6, 2022



**Detection of human NUP93 by western blot.** *Samples:* Whole cell lysate (15  $\mu$ g) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-NUP93 antibody A303-979A (lot A303-979A-2) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



**Detection of human NUP93 by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-NUP93 antibody A303-979A (lot A303-979A-2) used for IP at 3  $\mu$ g per reaction. NUP93 was also immunoprecipitated by rabbit anti-NUP93 antibody BL14355. For blotting immunoprecipitated NUP93, A303-979A was used at 1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.