

# NUP93 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP\_055484

Catalog No. A303-979A-T

GeneID 9688

Lot No. A303-979A-T-2

<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

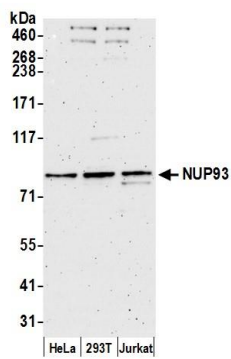
**ADDITIONAL INFO** <https://www.bethyl.com/product/A303-979A-T>

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)

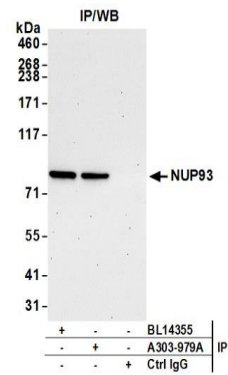
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: June 6, 2022



**Detection of human NUP93 by western blot.** *Samples:* Whole cell lysate (15 µg) 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 µg/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 µg per reaction. NUP93 was also immunoprecipitated by rabbit anti-NUP93 antibody BL14355. For blotting immunoprecipitated NUP93, A303-979A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.