

NUP85 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_079120.1

Catalog No. A303-978A

GeneID 79902

Lot No. A303-978A-1



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° 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 PROCEDURES	Antibody was affinity purified using an epitope specific to NUP85 immobilized on solid support.

The epitope recognized by A303-978A maps to a region between residue 1 to 50 of human Nucleoporin 85kDa using the numbering given in entry NP_079120.1 (GeneID 79902).

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 - 10 µg/mg lysate

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), 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).

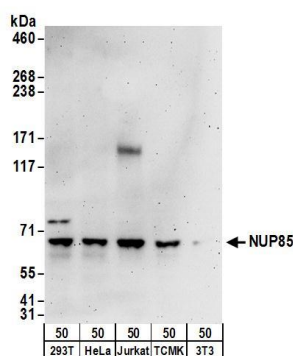
Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO <https://www.bethyl.com/product/A303-978A>

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

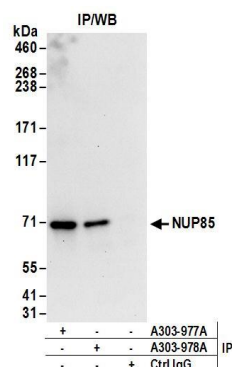


Detection of human and mouse NUP85 by western blot.

Samples: Whole cell lysate (50 µg) from HEK293T, HeLa, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells.

Antibodies: Affinity purified rabbit anti-NUP85 antibody A303-978A (lot A303-978A-1) used for WB at 0.1 µg/ml.

Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human NUP85 by western blot of immunoprecipitates.

Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from HEK293T cells.

Antibodies: Affinity purified rabbit anti-NUP85 antibody A303-978A (lot A303-978A-1) used for IP at 6 µg/mg lysate. NUP85 was also immunoprecipitated by rabbit anti-NUP85 antibody A303-977A.

For blotting immunoprecipitated NUP85, A303-978A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.