

NUP214 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_005076.3

Catalog No. A300-717A

GeneID 8021

Lot No. A300-717A-1



APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

AMOUNT 100 µl

CONCENTRATION 200 µg/ml

STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG

ORIGIN USA

PRODUCTION PROCEDURES Antibody was affinity purified using an epitope specific to NUP214 immobilized on solid support.

The epitope recognized by A300-717A maps to a region between residue 2050 and the C-terminus (residue 2090) of human Nucleoporin 214 using the numbering given in entry NP_005076.3 (GeneID 8021).

Immunoglobulin 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

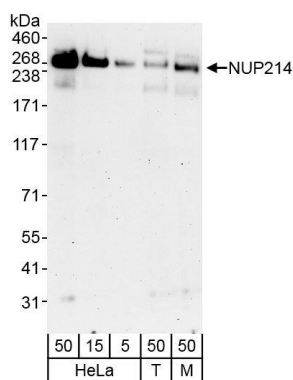
APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).

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

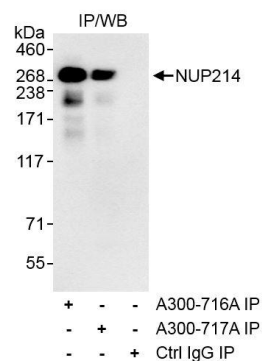
ADDITIONAL INFO <https://www.bethyl.com/product/A300-717A>

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: October 17, 2019



Detection of human and mouse NUP214 by western blot.
Samples: Whole cell lysate from HeLa (5, 15 and 50 µg), HEK293T (T; 50 µg), and mouse NIH 3T3 (M; 50 µg) cells.
Antibodies: Affinity purified rabbit anti-NUP214 antibody A300-717A (lot A300-717A-1) used for WB at 0.04 µg/ml.
Detection: Chemiluminescence with exposure time of 3 minutes.



Detection of human NUP214 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-NUP214 antibody A300-717A (lot A300-717A-1) used for IP at 3 µg/mg lysate. NUP214 was also immunoprecipitated using rabbit anti-NUP214 antibody A300-716A. For blotting immunoprecipitated NUP214, A300-717A was used at 1 µg/ml. *Detection:* Chemiluminescence with exposure time of 30 seconds.