NIPBL Antibody

Rabbit Polyclonal
Antigen Affinity Purified

Catalog No. A301-779A
Lot No. A301-779A-4

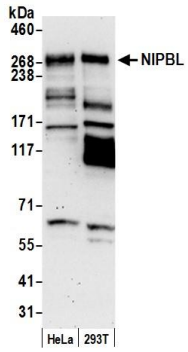
Protein ID NP_597677.2
GeneID 25836

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
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 NIPBL immobilized on solid support. The epitope recognized by A301-779A maps to a region between residue 1025 and 1075 of human Nipped-B-like using the numbering given in entry NP_597677.2 (GeneID 25836). 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.

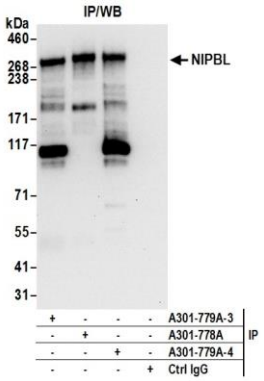
Western Blot	1:2,000 - 1:10,000
Immunoprecipitation	2 - 6 µg/mg lysate

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 3-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 3-8% SDS-PAGE.
ADDITIONAL INFO	https://www.bethyl.com/product/A301-779A 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 NIPBL by western blot. *Samples:* Whole cell lysate (15 µg) from HeLa and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-NIPBL antibody A301-779A (lot A301-779A-4) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.



Detection of human NIPBL by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-NIPBL antibody A301-779A (lot A301-779A-4) used for IP at 3 µg per reaction. NIPBL was also immunoprecipitated by a previous lot of this antibody (lot A301-779A-3) and rabbit anti-NIPBL antibody A301-778A. For blotting immunoprecipitated NIPBL, A301-779A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.