

# NIPBL Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_597677.2
Catalog No. A301-779A	Uniprot ID	Q6KC79
Lot No. 5	GeneID	25836

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<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	100 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 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).

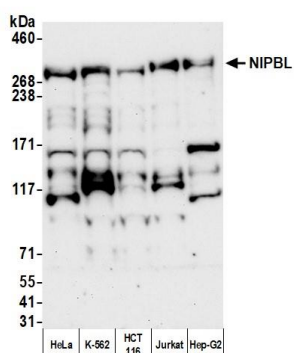
Immunoglobulin concentration was determined using Beer's Law where 1 mg/mL IgG has an A280 of 1.4.

**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

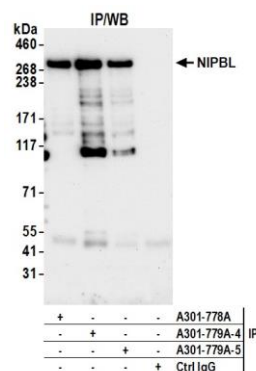
Western Blot	1:10,000 – 1:25,000 (3-8% Tris-acetate gel recommended)
Immunoprecipitation	6 µg/mg lysate

**ADDITIONAL INFO** <https://www.fortislife.com/p/A301-779A>  
Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: May 10, 2024



**Detection of human NIPBL by western blot.** *Samples:* Whole cell lysate (50 µg) from HeLa, K-562, HCT 116, Jurkat, and Hep-G2 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-NIPBL antibody (A301-779A lot 5) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.



**Detection of human NIPBL by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1 mg per IP; 10% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-NIPBL antibody (A301-779A lot 5) used for IP at 6 µg per reaction. NIPBL was also immunoprecipitated by a previous lot of this antibody (A301-779A lot 4) and a second antibody against a different epitope of NIPBL (A301-778A). For blotting immunoprecipitated NIPBL, A301-779A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 75 seconds.