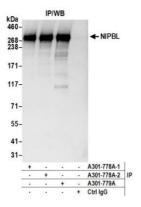
NIPBL Antibody							
Rabbit Polyclonal							
Antigen Affinity Purified			Protein ID	NP_597677.2			
Catalog No.	Catalog No. A301–778A		GenelD	25836		DETUVI	
Lot No.	A301-3	78A-2					
APPLICATIONS		IP					
SPECIES REACTIVITY		Human					
AMOUNT		100 µl					
CONCENTRATION		1000 μg/ml					
STORAGE/SHELF 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 A301–778A maps to a region between residue 550 and 600 of human Nipped-B-like using the numbering given in entry NP_597677.2 (GeneID 25836).					
Immunoglobulin concentration was determined by extinction c of 1.4 equals 1.0 mg of IgG.				inction coefficient:	absorbance at 280 nm		
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	Not	t recommended			
		Immunoprecip	itation 2 -	10 µg/mg lysate			
APPLICATION N	OTES	Goat anti-Rabb	/estern blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020), oat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120–113P) and 3–8% SDS-PAGE ink to IP-western blot protocol in Additional Info section below).				
ADDITIONAL IN	· · · · · · · · · · · · · · · · · · ·	ps://www.bethyl.com/product/A301–778A					
				S, a current list of citatio s://www.bethyl.com/con			
			protocol. nttp			<u>,</u>	

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

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## Detection of human NIPBL by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti–NIPBL antibody A301–778A (lot A301–778A–2) used for IP at 6 µg per reaction. NIPBL was also immunoprecipitated by a previous lot of this antibody (lot A301–778A–1) and rabbit anti–NIPBL antibody A301–779A For blotting immunoprecipitated NIPBL, A301–779A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.

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