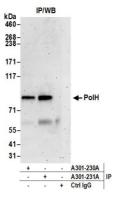
PolH Antibody					
Rabbit Polyclonal					
Antigen Affini	ed	Protein ID	NP_006493.1		
Catalog No. A301-2		230A	GenelD	5429	DETUVI
Lot No.	A301-	230A-2			
APPLICATIONS		IP			
SPECIES REACTIVITY		Human			
AMOUNT		100 µl			
CONCENTRATION		1000 μg/ml			
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt			
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 PolH immobilized on solid support.			
		The epitope recognized by A301–230A maps to a region between residue 640 and 690 of human polymerase (DNA directed), eta using the numbering given in entry NP_006493.1 (GeneID 5429).			
		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	No	t recommended. Use rat	bit anti-PolH antibody A301-231A.
		Immunoprecipi	itation 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).			
ADDITIONAL INFO		https://www.bethyl.com/product/A301-230A			
		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

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Detection of human PolH by western blot of

immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PolH antibody A301-230A (lot A301-230A-2) used for IP at 3 µg per reaction. PolH was also immunoprecipitated by rabbit anti-PolH antibody A301-231A. For blotting immunoprecipitated PolH, A301-231A was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.