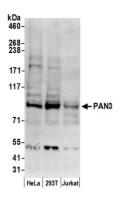
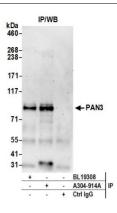
PAN3 Antibody						
Rabbit Polyclonal						
Antigen Affinity Purified			Protein ID	Q58A45.3		
Catalog No.	talog No. A304-914A		GenelD	255967		RETHVI
Lot No.	A304-	914A-1				LABORATORIES, INC
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
AMOUNT		100 µl				
CONCENTRATION		1000 µg/ml				
STORAGE/SHELF 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 PAN3 immobilized on solid support.				
		The epitope recognized by A304-914A maps to a region between residue 175 to 225 of human PAB-dependent poly using the numbering given in entry Q58A45.3 (GeneID 255967).				
APPLICATIONS		Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.				
		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		
		Immunoprecip	itation 2 -	10 µg/mg lysate		
APPLICATION N	IOTES	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/A304-914A				
		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 PAN3 by western blot.** *Samples:* Whole cell lysate (50  $\mu$ g) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-PAN3 antibody A304-914A (lot A304-914A-1) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes. Detection of human PAN3 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-PAN3 antibody A304-914A (lot A304-914A-1) used for IP at 6 µg per reaction. PAN3 was also immunoprecipitated by rabbit anti-PAN3 antibody BL19308. For blotting immunoprecipitated PAN3, A304-914A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.