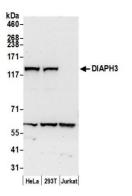
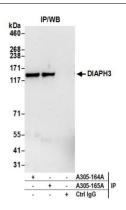
## DIAPH3 Antibody

Rabbit Polyclonal					
Antigen Affinity Purified			Protein ID	Q9NSV4.4	
Catalog No. A305–164A		GenelD	81624	BETUVI	
Lot No. A305–164A–1		164A-1			
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		Antibody was affinity purified using an epitope specific to DIAPH3 immobilized on solid support.			
PROCEDURES		The epitope recognized by A305–164A maps to a region between residue 1 to 50 of human Protein diaphanous homolog 3 using the numbering given in entry Q9NSV4.4 (GeneID 81624).			
		Antibody 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	
		Immunoprecip	itation 2 –	10 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).			
		Western blot of	lysates perfor	med using standard western	blot reagents and 4-8% SDS-PAGE.
ADDITIONAL INFO		https://www.bethyl.com/product/A305–164A			
				S, a current list of citations, a s://www.bethyl.com/content	and other product specific information.
		Ir →western Diot	φιστοςοι. πιτρ		/protocol_ir_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 DIAPH3 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-DIAPH3 antibody A305-164A (lot A305-164A-1) used for WB at 0.1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds. Detection of human DIAPH3 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-DIAPH3 antibody A305-164A (lot A305-164A-1) used for IP at 6 µg per reaction. DIAPH3 was also immunoprecipitated by rabbit anti-DIAPH3 antibody A305-165A. For blotting immunoprecipitated DIAPH3, A305-164A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.