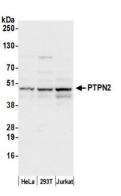
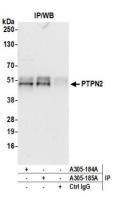
## PTPN2/TCPTP Antibody

					Com	
Rabbit Polyclonal Antigen Affinity Purified			Protein ID	P17706.2		
Catalog No. A305–184A			GenelD	5771		
Lot No.		184A-1	Geneib		BETHYL 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 PTPN2/TCPTP immobilized on solid support.				
		The epitope recognized by A305-184A maps to a region between residue 1 to 50 of human Tyrosine-protein phosphatase non-receptor type 2 using the numbering given in entry P17706.2 (GeneID 5771).				
		Antibody concer equals 1.0 mg o		letermined by extinction	coefficient: absorbance at 280 nm 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	1:5	00 - 1:2,500		
		Immunoprecipit	ation 2 –	10 µg/mg lysate		
APPLICATION I	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 4–20% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).				
		Western blot of	lysates perfor	rmed using standard wes	tern blot reagents and 4-20% SDS-PAGE.	
ADDITIONAL INFO		https://www.bethyl.com/product/A305–184A				
		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 PTPN2 by western blot. Samples: Whole cell lysate (50 µg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PTPN2 antibody A305-184A (lot A305-184A-1) used for WB at 0.1 µg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds. Detection of human PTPN2 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-PTPN2 antibody A305-184A (lot A305–184A–1) used for IP at 6  $\mu$ g per reaction. PTPN2 was also immunoprecipitated by rabbit anti-PTPN2 antibody A305-185A. For blotting immunoprecipitated PTPN2, A305-184A was used at 1 µg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

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