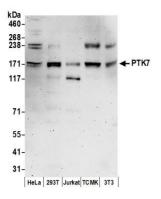
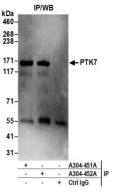
PTK7 Antibody						
Rabbit Polyclonal Antigen Affinity Purified			Protein ID	NP_002812.2		
Catalog No. A304–452A		452A	GenelD	5754		DETUVI
Lot No.	A304-	452A-1				
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human, Mouse				
AMOUNT		100 μΙ				
CONCENTRATION		1000 μg/ml				
STORAGE/SHELF LIFE		2 - 8° 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 PTK7 immobilized on solid support.				
		The epitope recognized by A304-452A maps to a region between residue 750 to 800 of human Protein Tyrosine Kinase 7 using the numbering given in entry NP_002812.2 (GeneID 5754).				
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	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/A304-452A				
		Use the link above to view SDS, a current list of citations, and other product specific informa 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 and mouse PTK7 by western blot. Samples: Whole cell lysate (50 μ g) prepared using NETN buffer from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-PTK7 antibody A304-452A (lot A304-452A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes. Detection of human PTK7 by western blot of

immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using NETN buffer from Jurkat cells. *Antibodies:* Affinity purified rabbit anti-PTK7 antibody A304-452A (lot A304-452A-1) used for IP at 6 µg per reaction. PTK7 was also immunoprecipitated by rabbit anti-PTK7 antibody A304-451A. For blotting immunoprecipitated PTK7, A304-452A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.