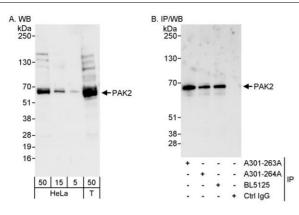
PAK2 Antibody							
Rabbit Polyclonal							
Antigen Affinity Purified			Protein ID	NP_002568.2			
Catalog No. A301-264		264A	GenelD	5062		RETHVI	
Lot No.	A301-	264A-1				LABORATORIES, INC	
APPLICATIONS		WB, IP					
SPECIES REACTIVITY		Human					
AMOUNT		100 μΙ					
CONCENTRATION		200 µg/ml					
STORAGE/SHELF LIFE		2 – 8° C / 1 year from date of receipt					
PHYSICAL STATE		Liquid					
BUFFER		Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide					
ISOTYPE		IgG					
ORIGIN		USA					
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to PAK2 immobilized on solid support.					
		The epitope recognized by A301–264A maps to a region between residue 125 and 175 of human p21 (CDKN1A)-activated kinase 2 using the numbering given in entry NP_002568.2 (GeneID 5062).					
		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	1:2	,000 - 1:10,000			
		Immunoprecipitation 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 4–20% SDS–PAGE (link to IP-western blot protocol in Additional Info section below).					
		Western blot of	Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE.				
ADDITIONAL INFO		https://www.bethyl.com/product/A301-264A 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 PAK2 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-PAK2 antibody A301-264A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. PAK2 was also immunoprecipitated by rabbit anti-PAK2 antibodies A301-263A and BL5125, which recognize other epitopes. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).