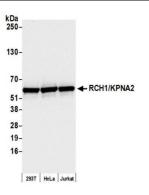
RCH1/KPNA2 Antibody

Rabbit Polyclonal						
Antigen Affinity Purified		ed I	Protein ID	NP_002257.1		
Catalog No.	A300-	484A (GenelD	3838	DETUVI	
Lot No.	A300-	484A-3			LABORATORIES, INC	
APPLICATIONS		WB, IP, IHC				
SPECIES REACTIVITY		Human, Mouse				
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 RCH1/KPNA2 immobilized on solid support.				
APPLICATIONS		The epitope recognized by A300-484A maps to a region between residue 475 and the C- terminus (residue 529) of human RAG cohort 1 (Karyopherin Alpha 2) using the numbering given in entry NP_002257.1 (GeneID 3838).				
		Immunoglobulin 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	1:1	0,000 - 1:25,000		
		Immunoprecipita	ation 2 -	10 µg/mg lysate		
		Immunohistoche		,000 to 1:5,000. Epitope retrieval with citr ommended for FFPE tissue sections.	ate buffer pH6.0 is	
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).				
IHC HUMAN CONTROLS Bladder Cell			f lysates performed using standard western blot reagents and 4–20% SDS–PAGE. arcinoma, Breast Carcinoma, Colon Carcinoma, Laryngeal Squamous Cell nall Cell Lung Cancer, Testicular Seminoma			
			rcinoma, Squamous Cell Carcinoma, Teratoma			
ADDITIONAL INFO		https://www.bethyl.com/product/A300–484A				
		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				
		ir-western blot p	rotocol http	s://www.betnyi.com/content/protocol_IP_	_VVB	

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: October 1, 2019

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Detection of human RCH1/KPNA2 by western blot.

and Jurkat cells prepared using NETN lysis buffer.

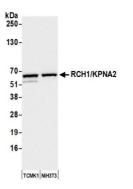
Antibody: Affinity purified rabbit anti-RCH1/KPNA2

0.04 µg/ml. *Detection:* Chemiluminescence with an

exposure time of 3 seconds.

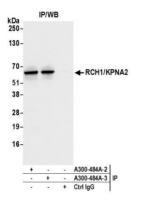
Samples: Whole cell lysate (10 µg) from HEK293T, HeLa,

antibody A300-484A (lot A300-484A-3) used for WB at



Detection of mouse RCH1/KPNA2 by western blot.

Samples: Whole cell lysate (10 μ g) from TCMK-1 and NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RCH1/KPNA2 antibody A300-484A (lot A300-484A-3) used for WB at 0.04 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.



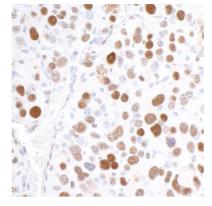
Detection of human RCH1/KPNA2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-RCH1/KPNA2 antibody A300-484A (lot A300-484A-3) used for IP at 6 µg per reaction. RCH1/KPNA2 was also immunoprecipitated by a previous lot of this antibody (lot A300-484A-2). For blotting immunoprecipitated RCH1/KPNA2, A300-484A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 1 second. Detection of human RCH1/KPNA2 by

immunohistochemistry. *Sample:* FFPE section of human colon carcinoma. *Antibody:* Affinity purified rabbit anti-RCH1/KPNA2 (Cat. No. A300-484A lot 3) used at 1:5,000 (0.2µg/ml). *Detection:* DAB

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Detection of mouse RCH1/KPNA2 by immunohistochemistry. *Sample:* FFPE section of mouse renal cell carcinoma. *Antibody:* Affinity purified rabbit anti-RCH1/KPNA2 (Cat. No. A300-484A lot 3) used at 1:5,000 (0.2µg/ml). *Detection:* DAB

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