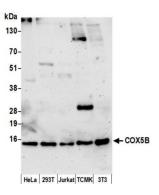
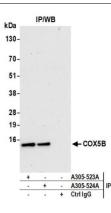
COX5B Antibody

		,					
Rabbit Polyclonal Antigen Affinity Purified			Protein ID	P10606.2			
Catalog No.	talog No. A305-524A		GenelD	1329		DETUV	
Lot No.	A305-	524A-1					
APPLICATIONS		WB, IP					
SPECIES REACTIVITY		Human, Mouse					
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Orangutan					
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		lgG					
ORIGIN		USA					
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to COX5B immobilized on solid support.					
		The epitope recognized by A305-524A maps to a region between residue 25 to 75 of human Cytochrome c oxidase subunit 5B, mitochondrial using the numbering given in entry P10606.2 (GeneID 1329).					
		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			
		Immunoprecipi	tation 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 4–12% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).					
		Western blot of lysates performed using standard western blot reagents and 4-12% SDS-PAGE.					
ADDITIONAL IN	IFO	https://www.bethyl.com/product/A305–524A					
		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					
		IP-western blot	protocol: http	os://www.bethyl.com/co	ntent/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 COX5B by western blot. Samples: Whole cell lysate (15 μ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-COX5B antibody A305-524A (lot A305-524A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.

Detection of human COX5B by western blot of

immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-COX5B antibody A305-524A (lot A305-524A-1) used for IP at 6 µg per reaction. COX5B was also immunoprecipitated by rabbit anti-COX5B antibody A305-523A. For blotting immunoprecipitated COX5B, A305-524A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.