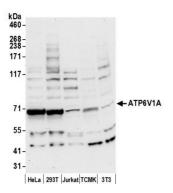
ATP6V1A Antibody

Rabbit Polyclonal							
Antigen Affini	d	Protein ID	P38606.2)(
Catalog No. A305–194A		GenelD	523	Ų			
Lot No.	A305-	194A-1			L A	BETHYL A BORATORIES, INC	
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 ATP6V1A immobilized on solid support.					
	The epitope recognized by A305–194A maps to a region between residue 5 V-type proton ATPase catalytic subunit A using the numbering given in ent 523).						
			ntibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 quals 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 4–8% 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 IN	FO	https://www.bethyl.com/product/A305–194A					
		Use the link above to view SDS, a current list of citations, and other product specific information.					
		IP-western blot	protocol: http	s://www.bethyl.com/cont	ent/protocol_IP_WB		
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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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 IP/WB

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Detection of human and mouse ATP6V1A by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-ATP6V1A antibody A305-194A (lot A305-194A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds. Detection of human ATP6V1A 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-ATP6V1A antibody A305-194A (lot A305-194A-1) used for IP at 6 µg per reaction. ATP6V1A was also immunoprecipitated by rabbit anti-ATP6V1A antibody A305-193A. For blotting immunoprecipitated ATP6V1A, A305-194A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.