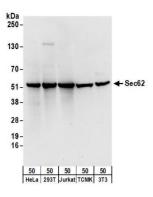
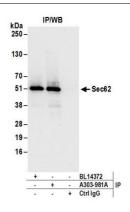
## Sec62 Antibody

Secol / Micholdy					
Rabbit Polyclonal Antigen Affinity Purified		ed	Protein ID	NP_003253.1	
Catalog No.	Catalog No. A303-981A		GenelD	7095	
Lot No.	Lot No. A303–981A–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		IgG			
ORIGIN		USA			
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to Sec62 immobilized on solid support.			
		The epitope recognized by A303–981A maps to a region between residue 349 to 399 of human SEC62 using the numbering given in entry NP_003253.1 (GeneID 7095).			
		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	itation 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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).			
		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.			
ADDITIONAL INFO		https://www.bethyl.com/product/A303–981A			
					, and other product specific information.
		iP-western blot	protocol: http	os://www.bethyl.com/conte	nt/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 Sec62 by western blot. Samples: Whole cell lysate (50  $\mu$ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-Sec62 antibody A303-981A (lot A303-981A-1) used for WB at 0.1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

## Detection of human Sec62 by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-Sec62 antibody A303–981A (lot A303–981A–1) used for IP at 6 µg/mg lysate. Sec62 was also immunoprecipitated by rabbit anti-Sec62 antibody BL14372. For blotting immunoprecipitated Sec62, A303–981A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.