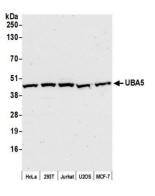
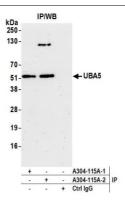
## **UBA5** Antibody

Rabbit Polyclo	onal				
Antigen Affinity Purified			Protein ID	NP_079094.1	
Catalog No. A304-115A		GenelD	79876	RETUVI	
Lot No. A304–115A–2		115A-2			LABORATORIES, INC
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
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 UBA5 immobilized on solid support.			
		The epitope recognized by A304–115A maps to a region between residue 325 to 375 of human Ubiquitin–Like Modifier Activating Enzyme 5 using the numbering given in entry NP_079094.1 (GeneID 79876).			
		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	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 4–20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).			
ADDITIONAL INFO		Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE. https://www.bethyl.com/product/A304-115A 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: August 2, 2019

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Detection of human UBA5 by western blot. Samples: Whole cell lysate (50  $\mu$ g) from HeLa, HEK293T, Jurkat, U2OS, and MCF-7 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-UBA5 antibody A304-115A (lot A304-115A-2) used for WB at 0.1  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds. Detection of human UBA5 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-UBA5 antibody A304-115A (lot A304-115A-2) used for IP at 6 µg per reaction. UBA5 was also immunoprecipitated by a previous lot of this antibody (lot A304-115A-1). For blotting immunoprecipitated UBA5, A304-115A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.

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