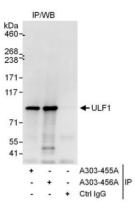
UFL1 Antibody					
Rabbit Polyclo Antigen Affinit		ed	Protein ID	NP_056138.1	
Catalog No. A303-455A		455A	GenelD	23376	DETUVI
Lot No.	A303-4	155A-1			
APPLICATIONS		IP			
SPECIES REACTIVITY		Human			
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse and Rat			
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 UFL1 immobilized on solid support.			
		The epitope recognized by A303-455A maps to a region between residue 175 and 225 of human E3 UFM1-Protein Ligase 1 using the numbering given in entry NP_056138.1 (GeneID 23376).			
		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	Not	t recommended	
		Immunoprecip	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 4–8% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).			
ADDITIONAL INFO		https://www.bethyl.com/product/A303-455A			
		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: June 21, 2019

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Detection of human ULF1 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-ULF1 antibody A303-455A used for IP at 6 μ g/mg lysate. ULF1 was also immunoprecipitated by rabbit anti-ULF1 antibody A303-456A, which recognizes a downstream epitope. For blotting immunoprecipitated ULF1, A303-456A was used at 0.4 μ g/ml,. Detection: Chemiluminescence with an exposure time of 10 seconds.

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