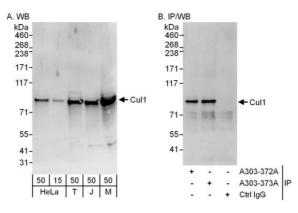
## Cull Antibody

Rabbit Polyclonal						
Antigen Affinity Purified			Protein ID	NP_003583.2		
Catalog No. A303–373A			GenelD	8454		
Lot No.	A303-3				BETHYL LABORATORIES, 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		IgG				
ORIGIN		USA				
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to Cul1 immobilized on solid support.				
		The epitope recognized by A303–373A maps to a region between residue 726 and 776 of human Cullin 1 using the numbering given in entry NP_003583.2 (GeneID 8454).				
		Antibody concer equals 1.0 mg c		determined by extinction c	pefficient: absorbance at 280 nm of 1.4	
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 4–8% 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-					
ADDITIONAL INFO https://v		https://www.be	www.bethyl.com/product/A303–373A			
				PS, a current list of citation ps://www.bethyl.com/conte	and other product specific information.	
		ii westerii blut	protocol. http	S., , www.becnyi.com/cond	and prococor_in_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 Cull by western blot (h and m) and immunoprecipitation (h). *Samples:* Whole cell lysate from HeLa (15 and 50  $\mu$ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50  $\mu$ g), Jurkat (J; 50  $\mu$ g) and mouse NIH 3T3 (M; 50  $\mu$ g) cells. *Antibodies:* Affinity purified rabbit anti-Cull antibody A303–373A used for WB at 0.04  $\mu$ g/ml (A) and 0.4  $\mu$ g/ml (B) and used for IP at 6  $\mu$ g/mg lysate. Cull was also immunoprecipitated by rabbit anti-Cull antibody A303–372A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).