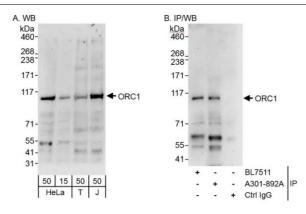
## ORC1 Antibody

•••••					
Rabbit Polyclo					
Antigen Affinity Purified			Protein ID	NP_004144.2	
Catalog No. A301–892A			GenelD	4998	RETHVI
Lot No.	A301-8	892A-2			
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
AMOUNT		100 μΙ			
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 ORC1 immobilized on solid support.			
		The epitope recognized by A301-892A maps to a region between residue 811 and 861 of human origin recognition complex subunit 1 using the numbering given in entry NP_004144.2 (GeneID 4998).			
		Immunoglobulin 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	
		Immunoprecipit	ation 2 -	5 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 l	ysates perfor	med using standard western b	lot reagents and 4-8% SDS-PAGE.
ADDITIONAL INFO		https://www.bethyl.com/product/A301-892A			
				S, a current list of citations, ar s://www.bethyl.com/content/	nd other product specific information. 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

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. Shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.



Detection of human ORC1 by western blot and immunoprecipitation. *Samples:* Whole cell lysate from HeLa (15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 µg) and Jurkat (J; 50 µg) cells. *Antibodies:* Affinity purified rabbit anti-ORC1 antibody A301-892A (lot A301-892A-2) used for WB at 0.1 µg/ml (A) and 1 µg/ml (B) and used for IP at 6 µg/mg lysate. ORC1 was also immunoprecipitated by rabbit anti-ORC1 antibody BL7511, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).