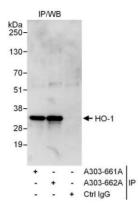
HO-1 Antibody						
Rabbit Polyclonal Antigen Affinity Purified			Protein ID	NP_002124.1		
Catalog No.	Catalog No. A303-661A		GenelD	3162		RETUVI
Lot No.	A303-0	61A-1				LABORATORIES, INC
APPLICATIONS		IP				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse and 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 HO-1 immobilized on solid support.				
		The epitope recognized by A303-661A maps to a region between residue 1 and 50 of human Heme Oxygenase (decycling) 1 using the numbering given in entry NP_002124.1 (GeneID 3162).				
		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 4-20% SDS-PAGE (link to IP-western blot protocol in Additional Info section below).				
ADDITIONAL INFO		https://www.bethyl.com/product/A303-661A				
		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 HO-1 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-HO-1 antibody A303-661A used for IP at 6 $\mu$ g/mg lysate. HO-1 was also immunoprecipitated by rabbit anti-HO-1 antibody A303-662A, which recognizes a downstream epitope. For blotting immunoprecipitated HO-1, A303-662A was used at 1 $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

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