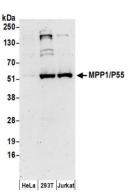
## MPP1/P55 Antibody

Rabbit Polyclo Antigen Affinit	ty Purifie		Protein ID	NP_002427.1		
Catalog No. Lot No.	A304-4 A304-4		GenelD	4354		BETHYL LABORATORIES, INC
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Orangutan				
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 MPP1/P55 immobilized on solid support.				
		The epitope recognized by A304–431A maps to a region between residue 1 to 50 of human Membrane Protein, Palmitoylated 1, 55kDa using the numbering given in entry NP_002427.1 (GeneID 4354).				
		Antibody conce equals 1.0 mg o	centration was determined by extinction coefficient: absorbance at 280 nm of 1.4 g 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	1:1	,000 - 1:5,000		
		Immunoprecip	itation 2 -	10 µg/mg lysate		
APPLICATION N	OTES	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).				
Western blot of lysates performed using standard western blot reage						nd 4–20% SDS–PAGE.
ADDITIONAL IN	IFO	https://www.bethyl.com/product/A304-431A				
		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				
		ir-western blot	protocol: http	s://www.bethyl.com/con	iterit/protocol_IP_W	б
				<b>A A A A</b>		

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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 IP/WB

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**Detection of human MPP1/P55 by western blot.** *Samples:* Whole cell lysate (50  $\mu$ g) prepared using RIPA buffer from HeLa, HEK293T, and Jurkat cells. *Antibodies:* Affinity purified rabbit anti-MPP1/P55 antibody A304-431A (lot A304-431A-1) used for WB at 0.4  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes. Detection of human MPP1/P55 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) prepared using RIPA buffer from Jurkat cells. *Antibodies:* Affinity purified rabbit anti-MPP1/P55 antibody A304-431A (lot A304-431A-1) used for IP at 6 µg per reaction. MPP1/P55 was also immunoprecipitated by rabbit anti-MPP1/P55 antibody BL16529. For blotting immunoprecipitated MPP1/P55, A304-431A was used at 1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.

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