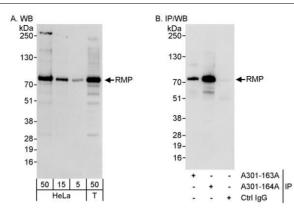
RMP Antibody							
Rabbit Polyclonal							
Antigen Affini	ty Purifie	ed	Protein ID	BAA34781.1			
Catalog No. A301-		164A	GenelD	8725		RETHVI	
Lot No.	A301-	164A-1				LABORATORIES, INC	
APPLICATIONS		WB, IP					
SPECIES REACTIVITY		Human					
AMOUNT		100 µl					
CONCENTRATION		200 µg/ml					
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt					
PHYSICAL STATE		Liquid					
BUFFER		Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide					
ISOTYPE		IgG					
ORIGIN		USA					
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to RMP immobilized on solid support.					
		The epitope recognized by A301–164A maps to a region between residue 458 and 508 of human RNA polymerase II, subunit 5 (RPB5)–mediating protein using the numbering given in entry BAA34781.1 (GeneID 8725).					
		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			
		Immunoprecip	itation 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 4–20% SDS–PAGE (link to IP–western blot protocol in Additional Info section below).					
	Western blot of lysates performed using standard western blot reagents and 4–20% SD					and 4-20% SDS-PAGE.	
ADDITIONAL INFO		https://www.bethyl.com/product/A301–164A					
		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 RMP by western blot and immunoprecipitation. Samples: Whole cell lysate from HeLa (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) and HEK293T (T; 50 µg) cells. Antibodies: Affinity purified rabbit anti-RMP antibody A301–164A used for WB at 0.04 µg/ml (A) and 0.1 µg/ml (B) and used for IP at 3 µg/mg lysate. RMP was also immunoprecipitated by rabbit anti-RMP antibody A301–163A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 10 seconds (A and B).

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