## gamma Adaptin/AP1G1 Antibody

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Rabbit Polyclonal							
Antigen Affinity Purified			Protein ID	043747			
Catalog No.	A304-771A		GenelD	164		RFTHVI	
Lot No.	A304-1	771A-1				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		lgG					
ORIGIN		USA					
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to gamma Adaptin/AP1G1 immobilized on solid support.					
		The epitope recognized by A304-771A maps to a region between residue 1 to 50 of human AP- 1 complex subunit gamma-1 using the numbering given in entry O43747 (GeneID 164).					
		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	1:2	2,000 - 1:10,000			
		Immunoprecipi	tation 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 4–8% 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-PAGE.					
ADDITIONAL INFO		https://www.bethyl.com/product/A304–771A					
					ations, and other prod content/protocol_IP_W	uct specific information. /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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**Detection of human gamma Adaptin/AP1G1 by western blot.** *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-gamma Adaptin/AP1G1 antibody A304-771A (lot A304-771A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.

Detection of mouse gamma Adaptin/AP1G1 by western blot. *Samples:* Whole cell lysate (50  $\mu$ g) from TCMK-1 and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-gamma Adaptin/AP1G1 antibody A304-771A (lot A304-771A-1) used for WB at 0.1  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human gamma Adaptin/AP1G1 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-gamma Adaptin/AP1G1 antibody A304-771A (lot A304-771A-1) used for IP at 6 µg per reaction. gamma Adaptin/AP1G1 was also immunoprecipitated by rabbit anti-gamma Adaptin/AP1G1 antibody BL18432. For blotting immunoprecipitated gamma Adaptin/AP1G1, A304-771A was used at 0.4 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.

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