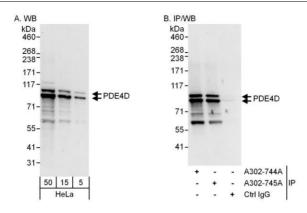
PDE4D Antibody

Rabbit Polyclo	nal	_			
Antigen Affinity Purified			Protein ID	NP_001098101.1	
Catalog No.	-		GenelD	5144	
Lot No.	A302-	745A-1			LABORATORIES, INC
APPLICATIONS		WB, IP			
SPECIES REACTIVITY		Human			
AMOUNT		100 μΙ			
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		Antibody was affinity purified using an epitope specific to PDE4D immobilized on solid support.			
PROCEDURES		The epitope recognized by A302-745A maps to a region between residue 759 and 809 of human Phosphodiesterase 4D using the numbering given in entry NP_001098101.1 (GeneID 5144).			
		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	
		Immunoprecip	itation 2 -	5 μg/mg lysate	
APPLICATION N	IOTES	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	f lysates perfoi	rmed using standard western blot reag	jents and 4-8% SDS-PAGE.
ADDITIONAL IN	IFO	https://www.b	ethyl.com/pro	duct/A302–745A	
				PS, a current list of citations, and other ps://www.bethyl.com/content/protoco	

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 PDE4D by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 µg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-PDE4D antibody A302-745A used for WB at 0.04 µg/ml (A) and 1 µg/ml (B) and used for IP at 3 µg/mg lysate. PDE4D was also immunoprecipitated by rabbit anti-PDE4D antibody A302-744A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).

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