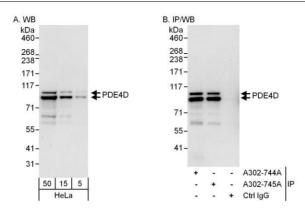
PDE4D Antibody

Rabbit Polyclonal				
Antigen Affinity Purified		Protein ID	NP_001098101.1	
Catalog No. A302-7		GenelD	5144	
Lot No. A302-7	744A-1			LABORATORIES, INC
APPLICATIONS	WB, IP			
SPECIES REACTIVITY Human				
AMOUNT	100 µl			
CONCENTRATION	200 µg/ml			
STORAGE/SHELF LIFE	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 A302-744A maps to a region between residue 709 and 759 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 NOTES	PPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-(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 perfor	rmed using standard western blot reagent	s and 4-8% SDS-PAGE.
ADDITIONAL INFO	https://www.be	ethyl.com/pro	duct/A302-744A	
			PS, a current list of citations, and other pro- ps://www.bethyl.com/content/protocol_IP	

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 A302-744A 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 A302-745A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 10 seconds (B).