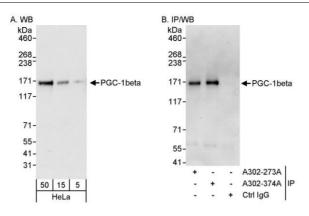
PGC-1 beta Antibody

Rabbit Polyclonal						
Antigen Affinity Purified			Protein ID	NP_573570.2		
Catalog No. A302-273A		GenelD	133522			
Lot No.	A302-2	273A-1			LABORATORIES, INC	
APPLICATIONS		WB, IP				
SPECIES REACTIVITY		Human				
PRESUMED REACTIVITY		Based on 100% sequence identity, this antibody is predicted to react with Mouse and Rat				
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		lgG				
ORIGIN		USA				
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to PGC-1beta immobilized on solid support.				
		The epitope recognized by A302-273A maps to a region between residue 1 and 50 of human peroxisome proliferator-activated receptor gamma coactivator 1 beta using the numbering given in entry NP_573570.2 (GeneID 133522).				
	Immunoglobulin concentration was determined by extinction coefficient: absorbanc of 1.4 equals 1.0 mg of IgG.		ion coefficient: absorbance at 280 nm			
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 10	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 lysates performed usi Patents 6,162,897, 5,753,411					blot reagents and 4-8% SDS-PAGE.US	
ADDITIONAL IN	IFO		https://www.bethyl.com/product/A302–273A			
		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: nttp	s.//www.bethyl.com/conten	(/piotocol_ir_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 PGC-1 beta 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-PGC-1 beta antibody A302-273A used for WB at 0.4 µg/ml (A) and 1 µg/ml (B) and used for IP at 10 µg/mg lysate. PGC-1 beta was also immunoprecipitated by rabbit anti-PGC-1 beta antibody A302-274A, which recognizes a downstream epitope. *Detection:* Chemiluminescence with exposure times of 30 seconds (A and B).