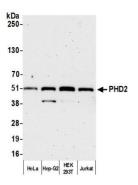
PHD2 Anti	body								
Rabbit Polyclor	nal								
Antigen Affinity Purified		Protein ID	NP_071334.1						
Catalog No.	A300-322A	GenelD	54583	DETU	1				
Lot No.	A300-322A-5	5		LABORATORIES,	1				
APPLICATIONS	WB, IF	)							
SPECIES REACTIV	<b>/ITY</b> Huma	ın							
AMOUNT	100 µ	I							
CONCENTRATIO	<b>N</b> 1000	1000 μg/ml							
STORAGE/SHELF	<b>LIFE</b> 2 – 8°	C / 1 year from date of	receipt						
PHYSICAL STATE	Liquid	Liquid							
BUFFER	Tris-c	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide							
ISOTYPE	IgG								
ORIGIN	USA								
PRODUCTION PROCEDURES		Antibody was affinity purified using an epitope specific to PHD2 immobilized on solid support.							
	huma	The epitope recognized by A300-322A maps to a region between residues 1 and 50 of human Prolyl Hydroxylase Domain-Containing Protein 2 using the numbering given in entry NP_071334.1 (GeneID 54583).							
		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.							
	Weste	ern Blot 1:5	00 - 1:2,500						

2 – 10  $\mu$ g/mg lysate **ADDITIONAL INFO** https://www.bethyl.com/product/A300-322A Use the link above to view SDS, a current list of citations, and other product specific information.

Immunoprecipitation

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Brian McWilliams, PhD Date: June 22, 2021

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Detection of human PHD2 by western blot. Samples: Whole cell lysate (10  $\mu$ g) from HeLa, Hep-G2, and HEK293T cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PHD2 antibody A300-322A lot 5 used for WB at 0.04  $\mu$ g/ml. Detection: Chemiluminescence with an exposure time of 75 seconds.

kDa		IP/	WB			
250-						
130-						
70-						
51-	-	-	-		← PHD2	
38-						
28-						
19-						
	+				BL522	Ľ
		+			A300-322A-4	IP
			+		A300-322A-5	
-				+	Ctrl IgG	1

Detection of human PHD2 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti–PHD2 antibody A300–322A lot 5 used for IP at 6 µg per reaction. PHD2 was also immunoprecipitated by a previous lot of this antibody (A300–322A lot 4) and another rabbit anti–PHD2 antibody (BL522). For blotting immunoprecipitated PHD2, A300–322A was used at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.