

# PHD4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_808808.1

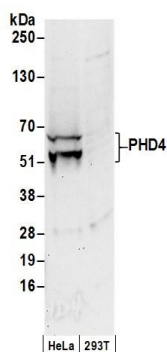
Catalog No. A300-330A GeneID 54681

Lot No. A300-330A-1



<b>APPLICATIONS</b>	WB
<b>SPECIES REACTIVITY</b>	Human
<b>AMOUNT</b>	100 $\mu$ l
<b>CONCENTRATION</b>	1000 $\mu$ g/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8° C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	<p>Antibody was affinity purified using an epitope specific to PHD4 immobilized on solid support.</p> <p>The epitope recognized by A300-330A maps to a region between residue 450 and the C-terminus (residue 502) of human Prolyl Hydroxylase Domain-Containing Protein 4 using the numbering given in entry NP_808808.1 (GeneID 54681).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
<b>APPLICATIONS</b>	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot 1:500 – 1:2,500</p>
<b>APPLICATION NOTES</b>	Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
<b>ADDITIONAL INFO</b>	<p><a href="https://www.bethyl.com/product/A300-330A">https://www.bethyl.com/product/A300-330A</a></p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

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



**Detection of human PHD4 by western blot.** *Samples:* Whole cell lysate (50  $\mu$ g) from HeLa and HEK293T cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-PHD4 antibody A300-330A (lot A300-330A-1) used for WB at 0.4  $\mu$ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



**Detection of human PHD4 by western blot.** *Samples:* Whole cell lysate (25  $\mu$ g/lane) from human glioblastoma tumor cell lines or in vitro translated PHD4. *Antibody:* Affinity purified rabbit anti-PHD4 (Cat. No. A300-330A) used at 2  $\mu$ g/ml. *Detection:* Chemiluminescence.