

# PDK1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_002604.1

Catalog No. A302-130A-T GenelD 5170

Lot No. A302-130A-T-1

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<b>APPLICATIONS</b>	WB, IP
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>AMOUNT</b>	10 µl
<b>CONCENTRATION</b>	1000 µg/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>	Antibody was affinity purified using an epitope specific to PDK1 immobilized on solid support.

The epitope recognized by A302-130A-T maps to a region between residue 506 and 556 of human 3-phosphoinositide dependent protein kinase-1 using the numbering given in entry NP\_002604.1 (GenelD 5170).

**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 1:2,000 – 1:10,000

Immunoprecipitation 5 – 10 µg/mg lysate

**ADDITIONAL INFO** <https://www.bethyl.com/product/A302-130A-T>

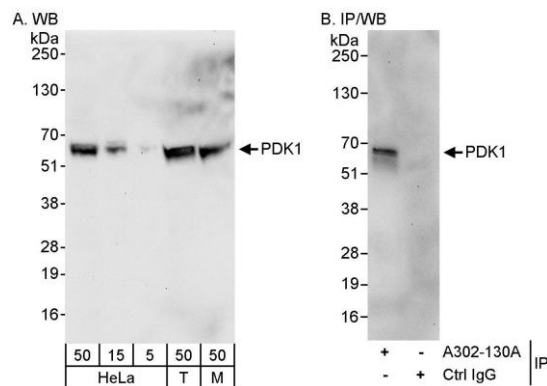
Use the link above to view SDS, a current list of citations, and other product specific information.

IP-western blot protocol: [https://www.bethyl.com/content/protocol\\_IP\\_WB](https://www.bethyl.com/content/protocol_IP_WB)

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD

Date: June 6, 2022



**Detection of human and mouse PDK1 by western blot (h&m) and immunoprecipitation (h).** *Samples:* Whole cell lysate from HeLa (5, 15 and 50  $\mu$ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50  $\mu$ g) and mouse NIH 3T3 (M; 50 $\mu$ g) cells. *Antibodies:* Affinity purified rabbit anti-PDK1 antibody A302-130A used for WB at 0.1  $\mu$ g/ml (A) and 1  $\mu$ g/ml (B) and used for IP at 10  $\mu$ g/mg lysate. *Detection:* Chemiluminescence with exposure times of 30 seconds (A and B).