## **PNK1** Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID Q96T60
Catalog No. A300–257A GeneID 11284

Lot No. A300-257A-2

APPLICATIONS WB, IHC
SPECIES REACTIVITY Human
AMOUNT 100 µI

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 IgG
ORIGIN USA

PRODUCTION PROCEDURES

Antibody was affinity purified using an epitope specific to PNK1 immobilized on solid support.

The epitope recognized by A300-257A maps to a region between residues 100 and 150 of human polynucleotide kinase 3-prime-phosphatase using the numbering given in TrEMBL entry

Q96T60 (GeneID 11284).

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.

Western Blot 1:2,000 - 1:10,000 Immunoprecipitation Not recommended

Immunohistochemistry 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is

recommended for FFPE tissue sections.

**APPLICATION NOTES** Western blot of lysates performed using standard western blot reagents and 4–20% SDS-PAGE.

IHC HUMAN CONTROLS Ovarian Carcinoma

ADDITIONAL INFO https://www.bethyl.com/product/A300-257A

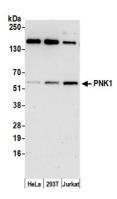
Use the link above to view SDS, a current list of citations, and other product specific information.

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

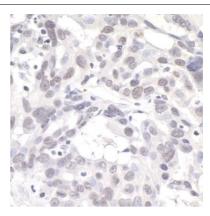
Date: June 21, 2019



PNK1 Antibody A300-257A



Detection of human PNK1 by western blot. Samples: Whole cell lysate (50 μg) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-PNK1 antibody A300-257A (lot A300-257A-2) used for WB at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Detection of human PNK1 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti- PNK1 (Cat. No. A300-257A Lot2) used at a dilution of 1:1,000 (1 μg/ml). Detection: DAB