PCYT1A Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_005008.2

Catalog No. A304-558A GenelD 5130

Lot No. A304-558A-1

APPLICATIONS WB, IHC

SPECIES REACTIVITY Human, Mouse

AMOUNT 100 μl

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 PCYT1A immobilized on solid support.

The epitope recognized by A304–558A maps to a region between residue 1 to 50 of human Phosphate Cytidylyltransferase 1. Choline, Alpha using the numbering given in entry

NP 005008.2 (GeneID 5130).

Antibody 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 Breast Carcinoma, Colon Carcinoma, Ovarian Carcinoma, Prostate Carcinoma

IHC MOUSE CONTROLS Renal Cell Carcinoma

ADDITIONAL INFO https://www.bethyl.com/product/A304-558A

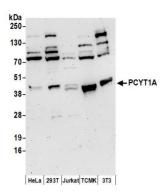
Use the link above to view SDS, a current list of citations, and other product specific information.

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

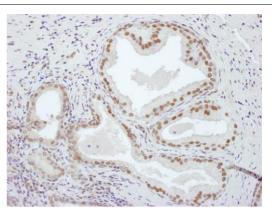
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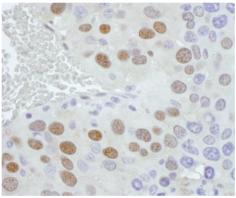
PCYT1A Antibody A304-558A



Detection of human and mouse PCYT1A by western blot. Samples: Whole cell lysate (50 μ g) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PCYT1A antibody A304-558A (lot A304-558A-1) used for WB at 0.1 μ g/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



Detection of human PCYT1A by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti- PCYT1A (Cat. No. A304-558A Lot1) used at a dilution of 1:1,000 (1µg/ml). Detection: DAB. Counterstain: IHC Hematoxylin (blue).



Detection of mouse PCYT1A by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti- PCYT1A (Cat. No. A304-558A Lot1) used at a dilution of 1:1,000 (1µg/ml). Detection: DAB