IDH1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_005887.2

Catalog No. A304-161A GeneID 3417

Lot No. A304-161A-1

APPLICATIONS IP

SPECIES REACTIVITY Human

PRESUMED REACTIVITY Based on 100% sequence identity, this antibody is predicted to react with Bovine and Orangutan

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 IDH1 immobilized on solid support.

The epitope recognized by A304–161A maps to a region between residue 1 to 50 of human Isocitrate Dehydrogenase 1 using the numbering given in entry NP_005887.2 (GeneID 3417).

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 Not recommended. Use rabbit anti-IDH1 antibody A304-162A.

Immunoprecipitation 2 – 10 µg/mg lysate

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-20% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

ADDITIONAL INFO https://www.bethyl.com/product/A304-161A

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

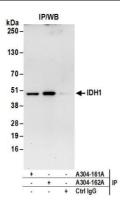
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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



IDH1 Antibody A304-161A



Detection of human IDH1 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP; 20% of IP loaded) from Jurkat cells. Antibodies: Affinity purified rabbit anti-IDH1 antibody A304–161A (lot A304–161A–1) used for IP at 6 μg/mg lysate. IDH1 was also immunoprecipitated by rabbit anti-IDH1 antibody A304–162A. For blotting immunoprecipitated IDH1, A304–162A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.