

IDH3B Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID O43837.2

Catalog No. A305-500A

GeneID 3420

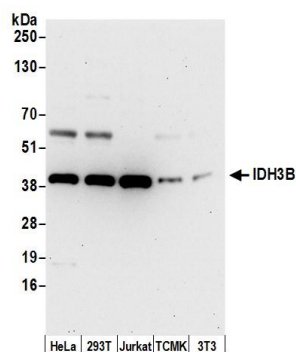
Lot No. A305-500A-1



APPLICATIONS	WB				
SPECIES REACTIVITY	Human, Mouse				
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Pig 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 IDH3B immobilized on solid support. The epitope recognized by A305-500A maps to a region between residue 25 to 75 of human Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial using the numbering given in entry O43837.2 (GeneID 3420). 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. <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>Not recommended</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	Not recommended
Western Blot	1:2,000 – 1:10,000				
Immunoprecipitation	Not recommended				
APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-12% SDS-PAGE.				
ADDITIONAL INFO	https://www.bethyl.com/product/A305-500A 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

**Detection of human and mouse IDH3B by western blot.**

Samples: Whole cell lysate (15 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-IDH3B antibody A305-500A (lot A305-500A-1) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.