GAPDH Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Catalog No. A300-641A

Lot No. A300-641A-3

Protein ID NP_002037.2

GeneID 2597

APPLICATIONS	WB, IHC
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Rat, Chicken, Turkey, Guinea pig_10141 and Pig
AMOUNT	100 µl
CONCENTRATION	200 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to GAPDH immobilized on solid support. The epitope recognized by A300-641A maps to a region between residues 250 and 300 of human Glyceraldehyde-3-Phosphate Dehydrogenase using the numbering given in entry NP_002037.2 (GeneID 2597). 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.

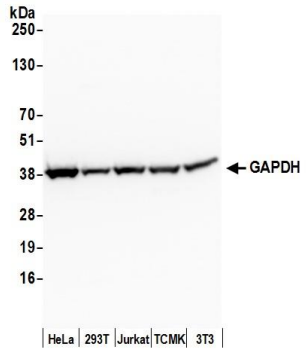
Western Blot	1:10,000 - 1:25,000
Immunoprecipitation	Not recommended
Immunohistochemistry	1:100 - 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
IHC HUMAN CONTROLS	Breast Carcinoma, Linitis Plastica Stomach Cancer, Ovarian Carcinoma, Prostate Carcinoma, Skin Basal Cell Carcinoma
IHC MOUSE CONTROLS	Squamous Cell Carcinoma
ADDITIONAL INFO	https://www.bethyl.com/product/A300-641A Use the link above to view SDS, a current list of citations, and other product specific information.

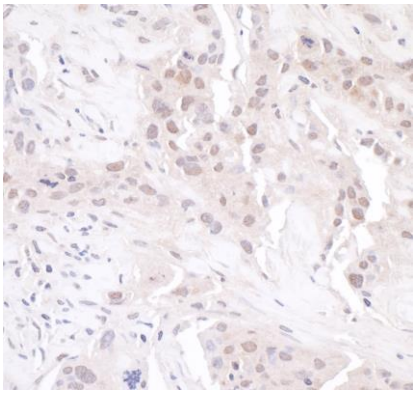
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

Date: June 21, 2019



Detection of human and mouse GAPDH by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-GAPDH antibody A300-641A (lot A300-641A-3) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human GAPDH by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-GAPDH (Cat. No. A300-641A Lot3) used at a dilution of 1:200 (1µg/ml). *Detection:* DAB