

GAPDH Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_002037.2

Catalog No. A300-642A

GeneID 2597

Lot No. A300-642A-2



APPLICATIONS	WB
SPECIES REACTIVITY	Human, Mouse
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Cat and Orangutan
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 A300-642A maps to a region between residues 300 and the C-terminus (residue 335) 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.

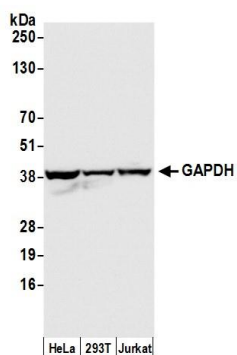
APPLICATIONS Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 – 1:10,000

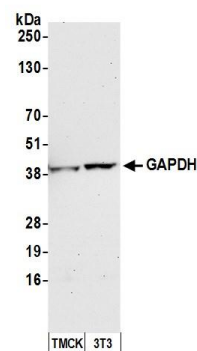
ADDITIONAL INFO <https://www.bethyl.com/product/A300-642A>

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: July 28, 2020



Detection of human GAPDH by western blot. *Samples:* Whole cell lysate (50 μ g) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-GAPDH antibody A300-642A (lot A300-642A-2) used for WB at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.



Detection of mouse GAPDH by western blot. *Samples:* Whole cell lysate (50 μ g) from TCMK-1 and NIH 3T3 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-GAPDH antibody A300-642A (lot A300-642A-2) used for WB at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.