53BP1 Antibody

Rabbit Polyclonal
Antigen Affinity Purified

Catalog No. A300-273A
Lot No. A300-273A-5

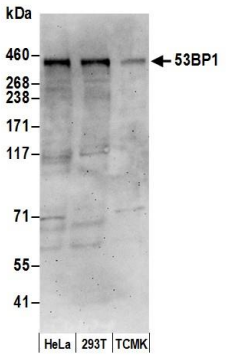
Protein ID NP_005648.1
GeneID 7158

APPLICATIONS	WB
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 53BP1 immobilized on solid support. The epitope recognized by A300-273A maps to a region between residues 1925 and the C-terminus (residue 1972) of human tumor protein p53 binding protein 1 using the numbering given in entry NP_005648.1 (GeneID 7158). 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
Immunoprecipitation	Not recommended. Use rabbit anti-53BP1 antibody A300-272A.

APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
ADDITIONAL INFO	https://www.bethyl.com/product/A300-273A 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 53BP1 by western blot. *Samples:* Whole cell lysate (50 µg) from HeLa, HEK293T, and mouse TCMK-1 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-53BP1 antibody A300-273A (lot A300-273A-5) used for WB at 0.1 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.