

PARP1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001609.1

Catalog No. A301-376A

GeneID 142

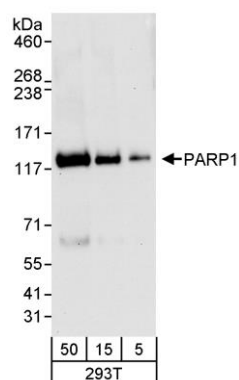
Lot No. A301-376A-1



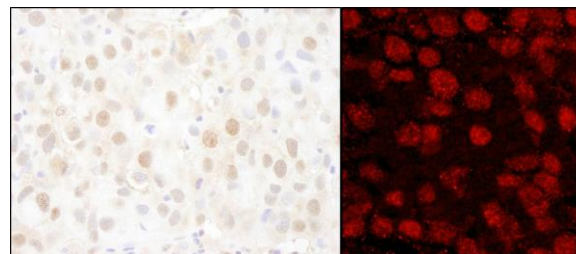
APPLICATIONS	WB, IHC, IHC-IF								
SPECIES REACTIVITY	Human								
AMOUNT	100 µl								
CONCENTRATION	200 µg/ml								
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt								
PHYSICAL STATE	Liquid								
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide								
ISOTYPE	IgG								
ORIGIN	USA								
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to PARP1 immobilized on solid support.</p> <p>The epitope recognized by A301-376A maps to a region between residue 50 and 100 of human poly (ADP-ribose) polymerase family, member 1 using the numbering given in entry NP_001609.1 (GeneID 142).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>								
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:2,000 – 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>Not recommended</td></tr><tr><td>Immunohistochemistry</td><td>1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.</td></tr><tr><td>Immunofluorescence (IHC)</td><td>1:50 – 1:250</td></tr></table>	Western Blot	1:2,000 – 1:10,000	Immunoprecipitation	Not recommended	Immunohistochemistry	1:100 – 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.	Immunofluorescence (IHC)	1:50 – 1:250
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APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4–8% SDS-PAGE.								
IHC HUMAN CONTROLS	Breast Carcinoma, Ovarian Carcinoma								
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A301-376A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>								

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 PARP1 by western blot. *Samples:* Whole cell lysate (5, 15 and 50 µg) from HEK293T cells. *Antibody:* Affinity purified rabbit anti-PARP1 antibody A301-376A used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human PARP1 by immunohistochemistry. *Sample:* FFPE sections of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-PARP1 (Cat. No. A301-376A Lot1) used at a dilution of 1:200 (1 µg/ml) and 1:80 (2.5 µg/ml). *Detection:* DAB and Red-fluorescent goat anti-rabbit IgG-heavy and light chain, cross-adsorbed Antibody DyLight® 594 Conjugated used at a dilution of 1:100