

PARP1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_001609.1

Catalog No. A301-375A

GeneID 142

Lot No. A301-375A-2



APPLICATIONS	WB
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Bovine
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 PARP1 immobilized on solid support.

The epitope recognized by A301-375A maps to a region between residue 1 and 50 of human poly (ADP-ribose) polymerase family, member 1 using the numbering given in entry NP_001609.1 (GeneID 142).

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.

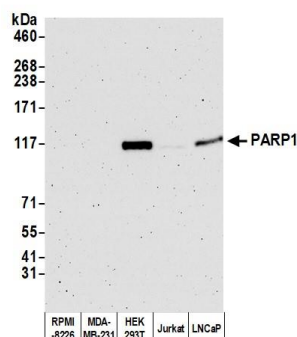
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation Not recommended

ADDITIONAL INFO <https://www.bethyl.com/product/A301-375A>

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.
Brian McWilliams, PhD Date: April 5, 2021



Detection of human PARP1 by western blot. *Samples:* Whole cell lysate (50 μ g) from RPMI-8226, MDA-MB-231, HEK293T, Jurkat, and LNCaP cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-PARP1 antibody (A301-375A lot 2) used for WB at 0.04 μ g/ml. *Detection:* Chemiluminescence with an exposure time of 3 minutes.