PARC/H7-AP1 Antibody

Rabbit Polyclonal
Antigen Affinity Purified

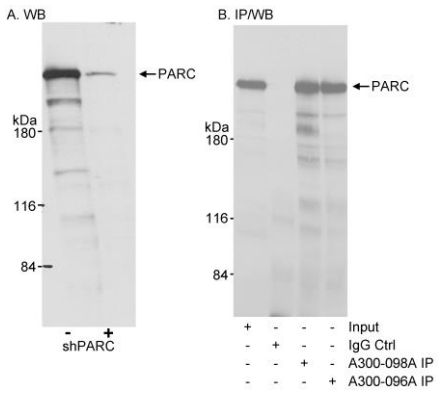
Catalog No.	A300-098A	Protein ID	Q8IWT3
Lot No.	A300-098A-1	GeneID	23113

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
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 PARC/H7-AP1 immobilized on solid support. The epitope recognized by A300-098A maps to a region between residue 2475 and the C-terminus (residue 2527) of human P53-associated parkin-like cytoplasmic protein using the numbering given in TrEMBL entry Q8IWT3 (GeneID 23113). 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	1:20,000 - 1:30,000
Immunoprecipitation	2 - 5 µg/mg lysate

APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
ADDITIONAL INFO	https://www.bethyl.com/product/A300-098A Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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 PARC by western blot and immunoprecipitation. *Samples:* A) Whole cell lysate (100 µg) from untreated U2OS cells or U2OS derived cells that stably express a short hairpin RNA (shPARC) against PARC. B) Whole cell lysate (200 µg for input; 1 mg for IP) from BJAB cells. *Antibodies:* Affinity purified rabbit anti-PARC antibody A300-098A used at 0.04 µg/ml for WB (A & B) and at 2 µg/mg lysate for IP. PARC was also immunoprecipitated using A300-096A at 2 µg/mg lysate. *Detection:* Chemiluminescence with an exposure time of less than 5 minutes.