## CIZ1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_036259.2

Catalog No. A301-497A GeneID 25792

Lot No. A301-497A-1

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 CIZ1 immobilized on solid support.

The epitope recognized by A301-497A maps to a region between residue 848 and 898 of human CDKN1A interacting zinc finger protein 1 using the numbering given in entry NP\_036259.2

(GeneID 25792).

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 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/A301-497A

Use the link above to view SDS, a current list of citations, and other product specific information.

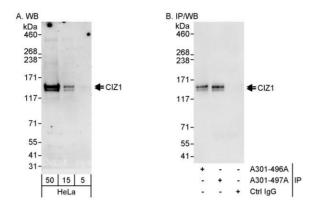
IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

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



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Detection of human CIZ1 by western blot and immunoprecipitation. *Samples:* Whole cell lysate (5, 15 and 50 μg for WB; 1 mg for IP, 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-CIZ1 antibody A301-497A used for WB at 0.1 μg/ml (A) and 1 μg/ml (B) and used for IP at 3 μg/mg lysate. CIZ1 was also immunoprecipitated by rabbit anti-CIZ1 antibody A301-496A, which recognizes an upstream epitope. *Detection:* Chemiluminescence with exposure times of 3 minutes (A) and 10 seconds (B).