## **CLP36 Antibody**

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_066272.1

Catalog No. A301-956A GeneID 9124

Lot No. A301-956A-1

APPLICATIONS IP

SPECIES REACTIVITY Human

**PRESUMED REACTIVITY** Based on 100% sequence identity, this antibody is predicted to react with Bovine

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 CLP36 immobilized on solid support.

The epitope recognized by A301-956A maps to a region between residue 225 and 275 of human

CLP36 using the numbering given in entry NP\_066272.1 (GeneID 9124).

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 Not recommended. A301–956A has not performed satisfactorily when

used for WB of CLP36 in crude preparations (e.g. whole cell lysate).

This antibody can be used for WB of enriched (e.g.

immunoprecipitated) sources of CLP36.

Immunoprecipitation  $2 - 5 \mu g/mg$  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 4-20% SDS-PAGE

(link to IP-western blot protocol in Additional Info section below).

ADDITIONAL INFO https://www.bethyl.com/product/A301-956A

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

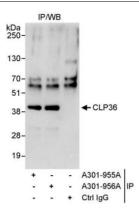
IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

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



CLP36 Antibody A301-956A



Detection of human CLP36 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-CLP36 antibody A301-956A used for IP at 3 μg/mg lysate. CLP36 was also immunoprecipitated by rabbit anti-CLP36 antibody A301-955A, which recognizes an upstream epitope. For blotting immunoprecipitated CLP36, A301-956A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.