## ATP6V1A Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID P38606.2

Catalog No. A305-193A GeneID 523

Lot No. A305-193A-1

APPLICATIONS IP

SPECIES REACTIVITY Human

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

Bovine, Pig and Orangutan

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** Antibody was affinity purified using an epitope specific to ATP6V1A immobilized on solid

**PROCEDURES** support.

The epitope recognized by A305-193A maps to a region between residue 450 to 500 of human

V-type proton ATPase catalytic subunit A using the numbering given in entry P38606.2 (GeneID

523).

Antibody 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. Use rabbit anti-ATP6V1A antibody A305-194A.

Immunoprecipitation 2 – 10 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).

ADDITIONAL INFO https://www.bethyl.com/product/A305-193A

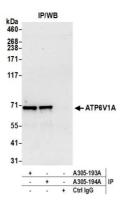
Use the link above to view SDS, a current list of citations, and other product specific information.

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 ATP6V1A by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-ATP6V1A antibody A305-193A (lot A305-193A-1) used for IP at 6 μg per reaction. ATP6V1A was also immunoprecipitated by rabbit anti-ATP6V1A antibody A305-194A. For blotting immunoprecipitated ATP6V1A, A305-193A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.