## Septin 7 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_001779.3

Catalog No. A304-212A GeneID 989

Lot No. A304-212A-1

APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

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

and Chimpanzee

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 Septin 7 immobilized on solid support.

The epitope recognized by A304-212A maps to a region between residue 75 to 125 of human

Septin 7 using the numbering given in entry NP\_001779.3 (GeneID 989).

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 1:2,000 - 1:10,000

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 4-20% SDS-PAGE

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

Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.

ADDITIONAL INFO https://www.bethvl.com/product/A304-212A

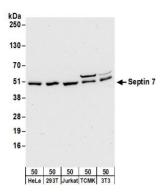
Use the link above to view SDS, a current list of citations, and other product specific information.

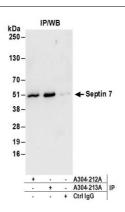
IP-western blot protocol: https://www.bethyl.com/content/protocol\_IP\_WB

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 and mouse Septin 7 by western blot. Samples: Whole cell lysate (50 μg) from HeLa, HEK293T, Jurkat, mouse TCMK-1, and mouse NIH 3T3 cells. Antibodies: Affinity purified rabbit anti-Septin 7 antibody A304-212A (lot A304-212A-1) used for WB at 0.1 μg/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

Detection of human Septin 7 by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1 mg for IP; 20% of IP loaded) from HeLa cells. *Antibodies:* Affinity purified rabbit anti-Septin 7 antibody A304-212A (lot A304-212A-1) used for IP at 6 μg/mg lysate. Septin 7 was also immunoprecipitated by rabbit anti-Septin 7 antibody A304-213A. For blotting immunoprecipitated Septin 7, A304-212A was used at 1 μg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.