## SDS3 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP\_071936.2

Catalog No. A301-777A GeneID 64426

Lot No. A301-777A-1

APPLICATIONS IP

SPECIES REACTIVITY Human

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

Antibody was affinity purified using an epitope specific to SDS3 immobilized on solid support.

The epitope recognized by A301-777A maps to a region between residue 150 and 200 of human suppressor of defective silencing 3 using the numbering given in entry NP\_071936.2 (GeneID

64426).

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, A301–777A has not performed satisfactorily when

used for WB of SDS3 in crude preparations (e.g. whole cell lysate).

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

immunoprecipitated) sources of SDS3.

Immunoprecipitation 2 – 5 μg/mg lysate

**APPLICATION NOTES** Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. \$100–020),

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/A301-777A

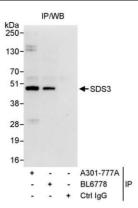
Use the link above to view SDS, a current list of citations, and other product specific information.

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



SDS3 Antibody



## Detection of human SDS3 by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibody: Affinity purified rabbit anti-SDS3 antibody A301-777A used for IP at 3 μg/mg lysate. SDS3 was also immunoprecipitated by rabbit anti-SDS3 antibody BL6778, which recognizes a downstream epitope. For blotting immunoprecipitated SDS3, A301-777A was used at 1 μg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.