

SA2 Antibody

Goat Polyclonal

Antigen Affinity Purified

Protein ID NP_006594.3

Catalog No. A300-159A

GeneID 10735

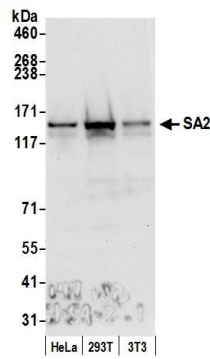
Lot No. A300-159A-2



APPLICATIONS	WB, IP, ICC						
SPECIES REACTIVITY	Human, Mouse						
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	<p>Antibody was affinity purified using an epitope specific to SA2 immobilized on solid support.</p> <p>The epitope recognized by A300-159A maps to a region between residues 1125 and 1175 of human Stromal Antigen 2 using the numbering given in entry NP_006594.3 (GeneID 10735).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>						
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <table><tr><td>Western Blot</td><td>1:1,000 - 1:10,000</td></tr><tr><td>Immunoprecipitation</td><td>2 - 10 µg/mg lysate</td></tr><tr><td>Immunocytochemistry</td><td>1:500 - 1:2,000</td></tr></table>	Western Blot	1:1,000 - 1:10,000	Immunoprecipitation	2 - 10 µg/mg lysate	Immunocytochemistry	1:500 - 1:2,000
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APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.						
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A300-159A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>						

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

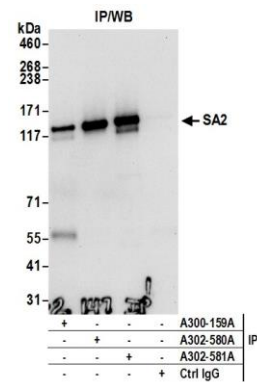


Detection of human and mouse SA2 by western blot.

Samples: Whole cell lysate (50 µg) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer.

Antibody: Affinity purified goat anti-SA2 antibody A300-159A (lot A300-159A-2) used for WB at 0.1 µg/ml.

Detection: Chemiluminescence with an exposure time of 10 seconds.

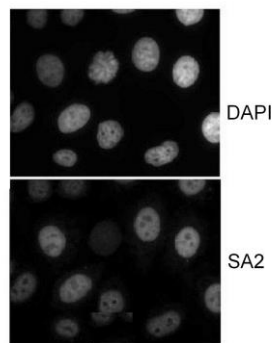


Detection of human SA2 by western blot of immunoprecipitates.

Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer.

Antibodies: Affinity purified goat anti-SA2 antibody A300-159A (lot A300-159A-2) used for IP at 6 µg per reaction. SA2 was also immunoprecipitated by rabbit anti-SA2 antibodies A302-581A and A301-582A. For blotting immunoprecipitated SA2, A300-159A was used at 1 µg/ml.

Detection: Chemiluminescence with an exposure time of 10 seconds.



Localization of human SA2. *Sample:* HeLa cells that were extracted for 5 min. at 4C in 0.5% Triton in CSK buffer.

Antibody: Affinity purified goat anti-SA2 (BL147G; Cat. No. A300-159A) used at 1 µg/ml.