

SCAP Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_036367.2

Catalog No. A303-554A

GeneID 22937

Lot No. A303-554A-2



APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
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 SCAP immobilized on solid support.

The epitope recognized by A303-554A maps to a region between residue 450 and 500 of human Sterol Regulatory Element Binding Protein Cleavage-Activating Protein using the numbering given in entry NP_036367.2 (GeneID 22937).

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.

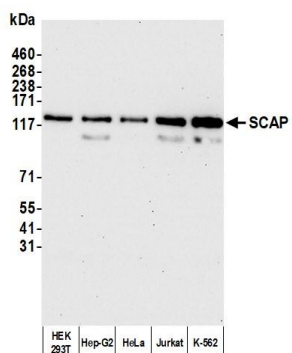
Western Blot 1:10,000 – 1:25,000

Immunoprecipitation 2 – 10 µg/mg lysate

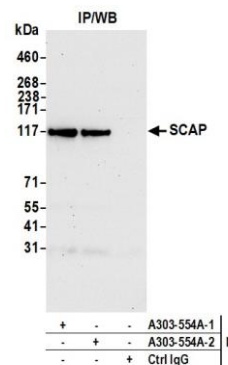
ADDITIONAL INFO <https://www.bethyl.com/product/A303-554A>

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.
Brian McWilliams, PhD Date: August 24, 2021



Detection of human SCAP by western blot. *Samples:* Whole cell lysate (10 µg) from HEK293T, Hep-G2, HeLa, Jurkat, and K-562 cells prepared using NETN lysis buffer. ***Antibody:*** Affinity purified rabbit anti-SCAP antibody (A303-554A lot 2) used for WB at 0.04 µg/ml. ***Detection:*** Chemiluminescence with an exposure time of 30 seconds.



Detection of human SCAP by western blot of immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. ***Antibodies:*** Affinity purified rabbit anti-SCAP antibody (A303-554A lot 2) used for IP at 6 µg per reaction. SCAP was also immunoprecipitated by a previous lot of this antibody (A303-554A lot 1). For blotting immunoprecipitated SCAP, A303-554A was used at 0.1 µg/ml. ***Detection:*** Chemiluminescence with an exposure time of 30 seconds.