RCAS1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_004206.1

Catalog No. A302-827A GeneID 9166

Lot No. A302-827A-1

APPLICATIONS WB, IP

SPECIES REACTIVITY Human, Mouse

 AMOUNT
 100 μl

 CONCENTRATION
 200 μg/ml

STORAGE/SHELF LIFE 2 – 8° C / 1 year from date of receipt

PHYSICAL STATE Liquid

BUFFER Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide

ISOTYPE IgG
ORIGIN USA

PRODUCTION PROCEDURES

Antibody was affinity purified using an epitope specific to RCAS1 immobilized on solid support.

The epitope recognized by A302-827A maps to a region between residue 163 and 213 of human Receptor-binding Cancer Antigen Expressed on SiSo cells using the numbering given in entry

NP_004206.1 (GeneID 9166).

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4

equals 1.0 mg of IgG.

Immunoprecipitation

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

APPLICATION NOTES Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100–020),

2 - 5 µg/mg lysate

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.bethyl.com/product/A302-827A

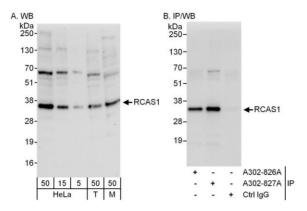
Use the link above to view SDS, a current list of citations, and other product specific information.

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 RCAS1 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 μ g for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 μ g), and mouse NIH 3T3 (M; 50 μ g) cells. Antibodies: Affinity purified rabbit anti–RCAS1 antibody A302–827A used for WB at 0.04 μ g/ml (A) and 0.4 μ g/ml (B) and used for IP at 3 μ g/mg lysate. RCAS1 was also immunoprecipitated by rabbit anti–RCAS1 antibody A302–826A, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).