SMARCC1/BAF155 Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID NP_003065.2

Catalog No. A301-020A GeneID 6599

Lot No. A301-020A-2

APPLICATIONS WB, IP
SPECIES REACTIVITY Human
AMOUNT 100 μI

 $\textbf{CONCENTRATION} \qquad \quad 1\,000\;\mu\text{g/ml}$

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 Antibody was affinity purified using an epitope specific to SMARCC1/BAF155 immobilized on solid support.

The epitope recognized by A301-020A maps to a region between residue 750 and 800 of human

SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1/BRG1-associated factor 155 using the numbering given in entry NP_003065.2

(GeneID 6599).

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 1:2,000 - 1:10,000 Immunoprecipitation 2 - 5 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 4-8% SDS-PAGE

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

Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.

ADDITIONAL INFO https://www.bethyl.com/product/A301-020A

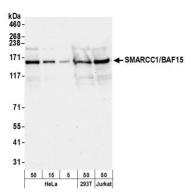
Use the link above to view SDS, a current list of citations, and other product specific information.

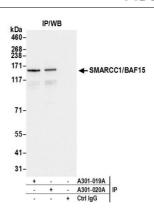
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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 SMARCC1/BAF155 by western blot. Samples: Whole cell lysate from HeLa (5, 15 and 50 μg), HEK293T (50 μg), and Jurkat (50 μg) cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-SMARCC1/BAF155 antibody A301-020A (lot A301-020A-2) used for WB at 0.04 μg/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

Detection of human SMARCC1/BAF155 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-SMARCC1/BAF155 antibody A301-020A (lot A301-020A-2) used for IP at 3 μg per reaction. SMARCC1/BAF155 was also immunoprecipitated by rabbit anti-SMARCC1/BAF155 antibody A301-019A. For blotting immunoprecipitated SMARCC1/BAF155, A301-020A was used at 0.4 μg/ml. Detection: Chemiluminescence with an exposure time of 3 seconds.