

SMARCA2/BRM Antibody

Rabbit Polyclonal

Antigen Affinity Purified Protein ID CAA51407.1

Catalog No. A301-015A GeneID 6595

Lot No. A301-015A-2

APPLICATIONS	WB, IP
SPECIES REACTIVITY	Human
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with 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 SMARCA2/BRM immobilized on solid support.

The epitope recognized by A301-015A maps to a region between residue 100 and 150 of human SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2 using the numbering given in entry CAA51407.1 (GeneID 6595).

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.

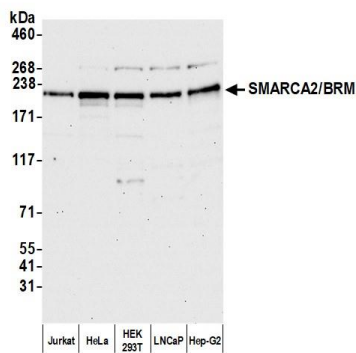
Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 5 µg/mg lysate

ADDITIONAL INFO <https://www.bethyl.com/product/A301-015A>

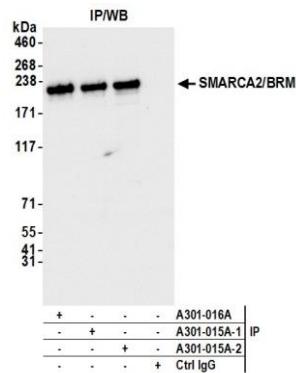
Use the link above to view SDS, a current list of citations, and other product specific information.
IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: October 27, 2021



Detection of human SMARCA2-BRM by western blot.

Samples: Whole cell lysate (10 µg) from Jurkat, HeLa, HEK293T, LNCaP, and Hep-G2 cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-SMARCA2-BRM antibody (A301-015A lot 2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 30 seconds.



Detection of human SMARCA2/BRM 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-SMARCA2/BRM antibody (A301-015A lot 2) used for IP at 6 µg per reaction. SMARCA2/BRM was also immunoprecipitated by a previous lot of this antibody (A301-015A lot 1) and a second antibody against a different epitope of SMARCA2/BRM (A301-016A). For blotting immunoprecipitated SMARCA2/BRM, A301-015A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 3 seconds.