

BAF57/SMARCE1 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID NP_003070.3

Catalog No. A300-810A

GeneID 6605

Lot No. A300-810A-2



APPLICATIONS	WB, IP, IHC
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	Antibody was affinity purified using an epitope specific to BAF57/SMARCE1 immobilized on solid support.

The epitope recognized by A300-810A maps to a region between residue 360 and the C-terminus (residue 411) of human BRG1-Associated Factor 57 (SWI/SNF-Related Matrix-Associated Actin-Dependent Regulator of Chromatin E1) using the numbering given in entry NP_003070.3 (GeneID 6605).

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

Immunohistochemistry 1:500 – 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

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 4-20% 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.

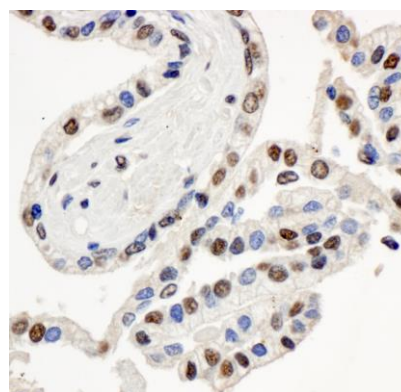
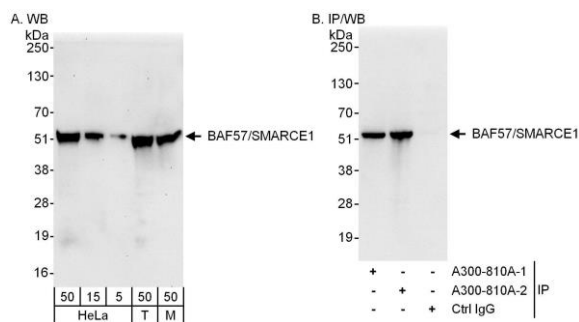
IHC HUMAN CONTROLS Breast Carcinoma, Ovarian Carcinoma, Prostate Carcinoma

ADDITIONAL INFO <https://www.bethyl.com/product/A300-810A>

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 BAF57/SMARCE1 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. *Antibody:* Affinity purified rabbit anti-BAF57/SMARCE1 antibody A300-810A (lot A300-810A-2) used for WB at 0.1 μ g/ml (A) and at 1 μ g/ml (B) and used for IP at 3 μ g/mg lysate (B). BAF57/SMARCE1 was also immunoprecipitated by a previous lot (lot A300-810A-1) of this antibody. *Detection:* Chemiluminescence with exposure times of 30 seconds (A) and 3 seconds (B).

Detection of human BAF57/SMARCE1 by immunohistochemistry.

Sample: FFPE section of human prostate carcinoma. *Antibody:* Affinity purified rabbit anti-BAF57/SMARCE1 (Cat. No. A300-810A Lot2) used at a dilution of 1:1,000 (1 μ g/ml). *Detection:* DAB