BRG1/SMARCA4 Antibody

Rabbit Polyclonal

Antigen Affinity Purified		RefSeq ID	NP_003063.2
Catalog No.	A300-813A	Uniprot ID	P51532
Lot No.	A300-813A-5	GeneID	6597

APPLICATIONS	WB, IP, IHC
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 BRG1/SMARCA4 immobilized on solid support. The epitope recognized by A300-813A maps to a region between residue 75 and 125 of human BRM/SWI2-Related Gene 1 (SWI/SNF Related, Matrix Associated, Actin Dependent Regulator of Chromatin, Subfamily A, member 4) using the numbering given in entry NP_003063.2 (GeneID 6597). 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 - 10 µg/mg lysate
Immunohistochemistry	1:500 to 1:2,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

IHC HUMAN CONTROLS	Breast Carcinoma, Non-Small Cell Lung Cancer, Ovarian Carcinoma
IHC MOUSE CONTROLS	Renal Cell Carcinoma, CT26 cells
ADDITIONAL INFO	Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD — Date: February 27, 2023

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