

Rabbit anti-Human, Mouse BRG1/SMARCA4 Polyclonal Antibody | anti-BRG1/SMARCA4 antibody

Rabbit anti-BRG1/SMARCA4 Antibody, Affinity Purified

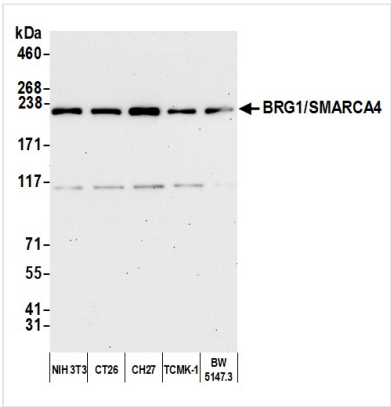
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211162	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

BRG1/SMARCA4; Polyclonal Antibody; Rabbit anti-BRG1/SMARCA4 Antibody; Affinity Purified; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 4; transcription activator BRG1; protein brahma homolog 1; protein BRG-1; RTPS2; SNF2; SNF2-beta; SNF2L4; SNF2LB; sucrose nonfermenting-like 4; mitotic growth and transcription activator; SWI2; SNF2-like 4; BRG1; MRD16; nuclear protein GRB1; BAF190; brahma protein-like 1; ATP-dependent helicase SMARCA4; BRG1-associated factor 190A; BRM/SWI2-related gene 1; CSS4; global transcription activator homologous sequence; homeotic gene regulator; hSNF2b; BAF190A; Transcription activator BRG1; SWI/SNF related; matrix associated; actin dependent regulator of chromatin; subfamily a; member 4; anti-BRG1/SMARCA4 antibody

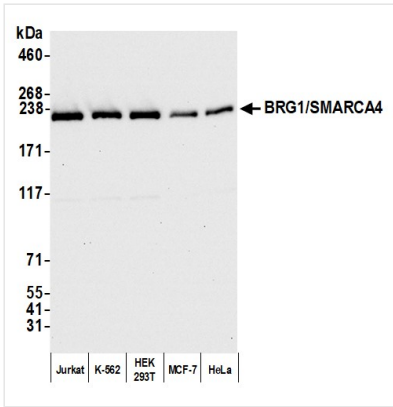
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-BRG1/SMARCA4 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 75 and 125
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



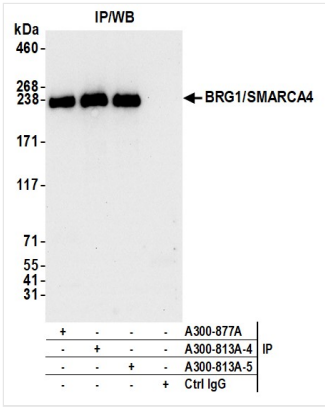
WB (Western Blot)

Detection of mouse BRG1/SMARCA4 by western blot. Samples: Whole cell lysate (10 ug) from NIH 3T3, CT26, CH27, TCMK-1, and BW5147.3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BRG1/SMARCA4 antibody (AAA211162 lot 5) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



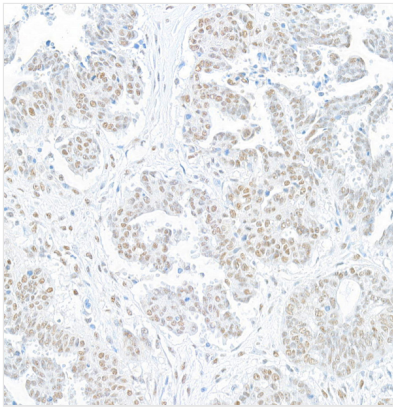
WB (Western Blot)

Detection of human BRG1/SMARCA4 by western blot. Samples: Whole cell lysate (10 ug) from Jurkat, K-562, HEK293T, MCF-7, and HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-BRG1/SMARCA4 antibody (AAA211162 lot 5) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



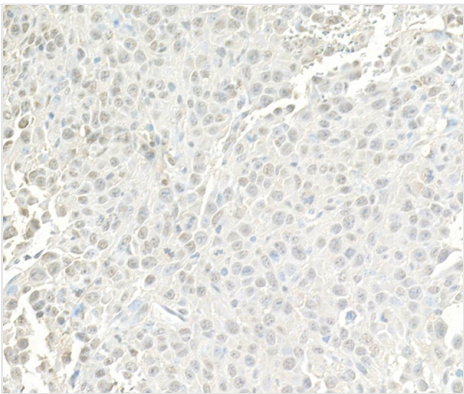
IP (Immunoprecipitation)

Detection of human BRG1/SMARCA4 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 5% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-BRG1/SMARCA4 antibody (AAA211162 lot 5) used for IP at 6 ug per reaction. BRG1/SMARCA4 was also immunoprecipitated by a previous lot of this antibody (AAA211162 lot 4) and another antibody against a different epitope of BRG1/SMARCA4 . For blotting immunoprecipitated BRG1/SMARCA4, AAA211162 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human BRG1/SMARCA4 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-BRG1/SMARCA4 (Cat. No. AAA211162 lot 5) used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB



IHC (Immunohistochemistry)

Detection of mouse BRG1/SMARCA4 by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti-BRG1/SMARCA4 (Cat. No. AAA211162 lot 5) used at a dilution of 1:1,000 (0.2ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-BRG1/SMARCA4 antibody	The SWI/SNF-related, matrix-associated, actin-dependent regulators of chromatin (SMARC), also called BRG1-associated factors (BAFs), have been identified as components of the human SWI/SNF-like chromatin-remodeling protein complexes. BRG1/SMARCA4 is an ATPase subunit of the SWI/SNF-A chromatin remodeling complex (BAF complex). In BAF complexes, BRG1/SMARCA4 has been shown to interact with BRCA1.
Product Categories/Family for anti-BRG1/SMARCA4 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	192807310
NCBI GeneID	6597
NCBI Accession #	NP_003063.2
NCBI GenBank Nucleotide #	NM_003072
UniProt Accession #	P51532; O95052; Q9HBD3; B1A8Z4; B1A8Z5; B1A8Z6; B1A8Z7; E9PBR8
Molecular Weight	181,261 Da
NCBI Official Full Name	Homo sapiens SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4 (SMARCA4), transcript variant 3, mRNA
NCBI Official Synonym Full Names	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 4
NCBI Official Symbol	SMARCA4
NCBI Official Synonym Symbols	BRG1; SNF2; SWI2; MRD16; RTPS2; BAF190; SNF2L4; SNF2LB; hSNF2b; BAF190A
NCBI Protein Information	transcription activator BRG1; ATP-dependent helicase SMARCA4; BRG1-associated factor 190A; BRM/SWI2-related gene 1; SNF2-beta; SNF2-like 4; brahma protein-like 1; global transcription activator homologous sequence; homeotic gene regulator; mitotic growth
UniProt Protein Name	Transcription activator BRG1
UniProt Gene Name	SMARCA4
UniProt Synonym Gene Names	BAF190A; BRG1; SNF2B; SNF2L4; BAF190A
UniProt Entry Name	SMCA4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/brg1-smarca4-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211162>