

Rabbit BRG1 Polyclonal Antibody | anti-BRG1 antibody

Anti-BRG1 Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY
AAA258722	Rabbit	Human, Mouse, Rat(Species predicted to react based on 100% sequence homology)

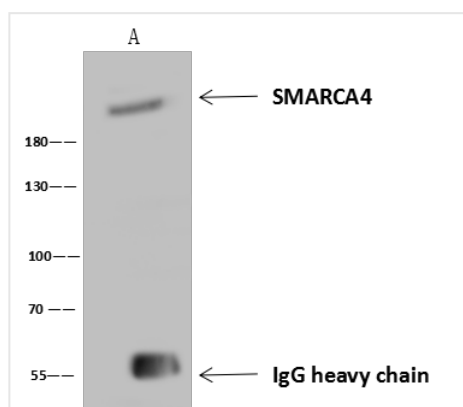
PRODUCT SYNONYMS

BRG1; Polyclonal Antibody; Anti-BRG1 Antibody; Rabbit Polyclonal; SWI/SNF related; matrix associated; actin dependent regulator of chromatin; subfamily a; member 4; Anti-BAF190 Antibody; Anti-BAF190A Antibody; Anti-hSNF2b Antibody; Anti-MRD16 Antibody; Anti-RTPS2 Antibody; Anti-SNF2 Antibody; Anti-SNF2L4 Antibody; Anti-SNF2LB Antibody; Anti-SWI2 Antibody; anti-BRG1 antibody

PRODUCT SPECIFICATIONS

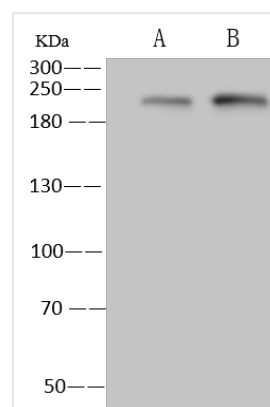
Host	Rabbit
Reactivity	Human, Mouse, Rat (Species predicted to react based on 100% sequence homology)
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Immunogen	A synthetic peptide corresponding to the N-terminus of the Human SMARCA4/BRG1
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the N-terminus of the Human SMARCA4/BRG1, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

SMARCA4 was immunoprecipitated using: Lane A: 0.5 mg NIH-3T3 Whole Cell Lysate 4 uL anti-SMARCA4 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-SMARCA4 rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 185 kDa. Observed band size: 200 kDa.



WB (Western Blot)

Anti-BRG1 rabbit polyclonal antibody at 1:500 dilution. Lane A: NIH-3T3 whole cell lysate. Lane B: PC12 whole cell lysate. Lysates/proteins at 30 ug per lane. Secondary: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 185 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-BRG1 antibody	The gene encoding the ATPase of the chromatin remodeling SWI/SNF complexes SMARCA4 (BRG1) is often mutated or silenced in tumors, suggesting a role as tumor suppressor. A high expression of SMARCA4 is associated with aggressive tumors, a high expression of SMARCA2 is associated with benign differentiated tumors, suggesting that SMARCA4 and SMARCA2 play opposite roles in cancer. Mutation of SMARCA4 (BRG1), the ATPase of BAF (mSWI/SNF) and PBAF complexes, contributes to a range of malignancies and neurologic disorders. The absence of SMARCA4/BRG1 immunostaining proved very useful in the identification of hypercalcemic small cell ovarian carcinoma.
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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-antibody-elisa/258722>