

Rabbit anti-Human SMARCC1/BAF155 Polyclonal Antibody | anti-SMARCC1 antibody

Anti-SMARCC1/BAF155 Antibody Picoband

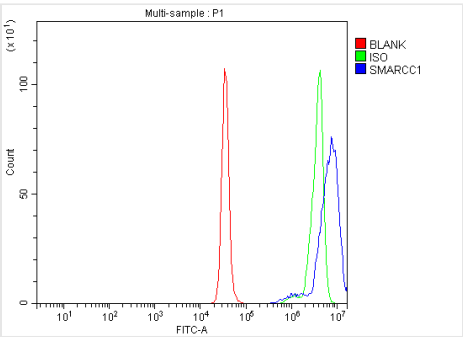
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126298	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

SMARCC1/BAF155; Polyclonal Antibody; Anti-SMARCC1/BAF155 Antibody Picoband; anti-SMARCC1 antibody

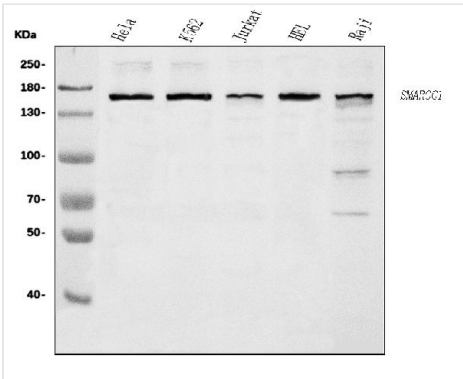
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-SMARCC1 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human SMARCC1/BAF155 recombinant protein (Position: K61-H95).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.



FCM/FACS (Flow Cytometry)

Figure 2. Flow Cytometry analysis of K562 cells using anti-SMARCC1/BAF155 antibody (AAA126298).Overlay histogram showing K562 cells stained with AAA126298 (Blue line). The cells were blocked with 10% normal goat serum. And then incubated with rabbit anti-SMARCC1/BAF155 Antibody (AAA126298, 1 ug/1x10⁶ cells) for 30 min at 20 degree C. DyLight488 conjugated goat anti-rabbit IgG was used as secondary antibody for 30 minutes at 20 degree C. Isotype control antibody (Green line) was rabbit IgG (1 ug/1x10⁶) used under the same conditions. Unlabelled sample (Red line) was also used as a control.



WB (Western Blot)

Figure 1. Western blot analysis of SMARCC1/BAF155 using anti-SMARCC1/BAF155 antibody (AAA126298).Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel)/90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.Lane 1: human HeLa whole cell lysates,Lane 2: human K562 whole cell lysates,Lane 3: human Jurkat whole cell lysates,Lane 4: human HeLa whole cell lysates,Lane 5: human Raji whole cell lysates.After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-SMARCC1/BAF155 antigen affinity purified polyclonal antibody (#AAA126298) at 0.5 ug/mL overnight at 4 degree C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit with Tanon 5200 system. A specific band was detected for SMARCC1/BAF155 at approximately 160 kDa. The expected band size for SMARCC1/BAF155 is at 160 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-SMARCC1 antibody	SWI/SNF complex subunit SMARCC1 is a protein that in humans is encoded by the SMARCC1 gene. The protein encoded by this gene is a member of the SWI/SNF family of proteins, whose members display helicase and ATPase activities and which are thought to regulate transcription of certain genes by altering the chromatin structure around those genes. The encoded protein is part of the large ATP-dependent chromatin remodeling complex SNF/SWI and contains a predicted leucine zipper motif typical of many transcription factors.
Product Categories/Family for anti-SMARCC1 antibody	Primary Antibodies, Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	188536047
NCBI GeneID	6599
NCBI Accession #	NP_003065
NCBI GenBank Nucleotide #	NM_003074
UniProt Accession #	Q92922; Q17RS0; Q6P172; Q8IWH2
Molecular Weight	122,867 Da
NCBI Official Full Name	SWI/SNF complex subunit SMARCC1
NCBI Official Synonym Full Names	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1
NCBI Official Symbol	SMARCC1
NCBI Official Synonym Symbols	Rsc8; SRG3; SWI3; BAF155; CRACC1

NCBI Protein Information	SWI/SNF complex subunit SMARCC1; BRG1-associated factor 155; SWI/SNF complex 155 kDa subunit; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1; chromatin remodeling complex BAF155 subunit; mammalian chromatin r
UniProt Protein Name	SWI/SNF complex subunit SMARCC1
UniProt Gene Name	SMARCC1
UniProt Synonym Gene Names	BAF155; BAF155
UniProt Entry Name	SMRC1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/polyclonal/smarcc1-baf155-antibody-flow-cytometry-western-blot-elisa/126298>