

Rabbit SMARCC1 Polyclonal Antibody | anti-SMARCC1 antibody

SMARCC1 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA291030	Rabbit	Human Predicted Reactivity: Mouse	Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay

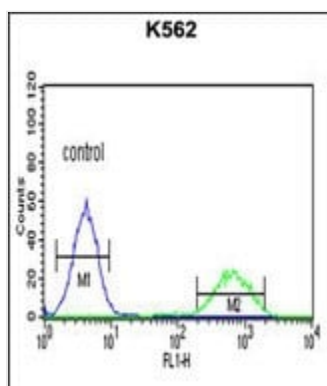
PRODUCT SYNONYMS

SMARCC1; Polyclonal Antibody; SMARCC1 Antibody (N-term); SWI/SNF complex subunit SMARCC1; BRG1-associated factor 155; BAF155; SWI/SNF complex 155 kDa subunit; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily C member 1; anti-SMARCC1 antibody

PRODUCT SPECIFICATIONS

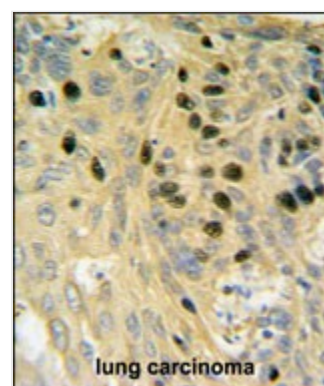
Host	Rabbit
Reactivity	Human Predicted Reactivity: Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This SMARCC1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 268-297 amino acids from the N-terminal region of human SMARCC1.
Purity/Purification	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Applicable Applications for anti-SMARCC1 antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Antigen Region	268-297
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



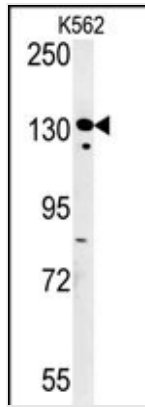
FCM/FACS (Flow Cytometry)

Dilution: FC: 1:10~50SMARCC1 Antibody (N-term) (Cat. #AAA291030) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Dilution: IHC-P 1:50~100SMARCC1 Antibody (N-term) (Cat. #AAA291030) IHC analysis in formalin fixed and paraffin embedded lung carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SMARCC1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

Dilution: WB 1:1000 Western blot analysis of SMARCC1 Antibody (N-term) (Cat. #AAA291030) in K562 cell line lysates (35ug/lane). SMARCC1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-SMARCC1 antibody	SMARCC1 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
References	So, H.C., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (1), 103-113 (2010) Andersen, C.L., et al. Br. J. Cancer 100 (3):511-523 (2009) Heeboll, S., et al. Histol. Histopathol. 23 (9):1069-1076 (2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	188536047
NCBI GeneID	6599
NCBI Accession #	NP_003065.3
NCBI GenBank Nucleotide #	NM_003074.3
UniProt Accession #	Q92922 ; P97496
Molecular Weight	Predicted MW: 123kDa
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
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.

