

Rabbit anti-Human SMARCA4 Polyclonal Antibody | anti-SMARCA4 antibody

SMARCA4 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311061	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

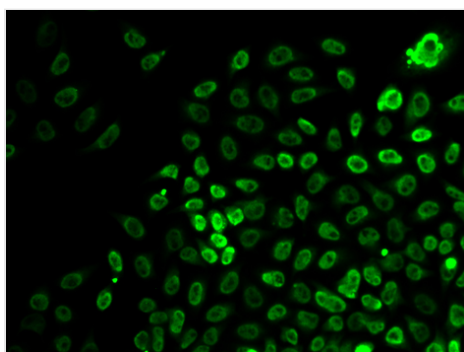
PRODUCT SYNONYMS

SMARCA4; Polyclonal Antibody; SMARCA4 Polyclonal Antibody; BAF190; BAF190A; BRG1; CSS4; MRD16; RTPS2; SNF2; SNF2L4; SNF2LB; SWI2; hSNF2b; transcription activator BRG1; anti-SMARCA4 antibody

PRODUCT SPECIFICATIONS

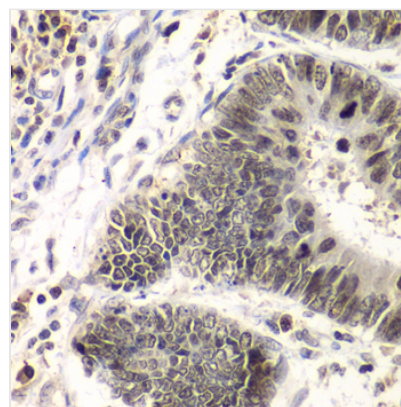
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Applicable Applications for anti-SMARCA4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human SMARCA4 (NP_003063.2).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



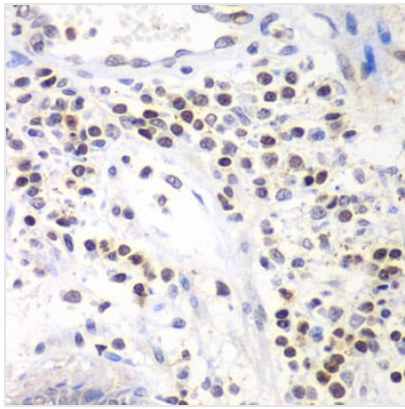
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using SMARCA4 antibody.



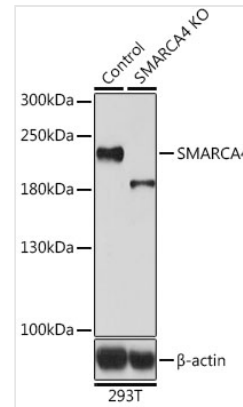
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon carcinoma using SMARCA4 antibody.



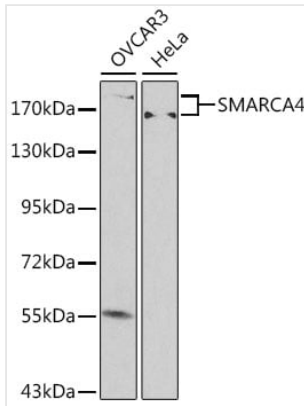
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human colon using SMARCA4 antibody.



WB (Western Blot)

Western blot analysis of extracts from normal (control) and SMARCA4 knockout (KO) 293T cells, using SMARCA4 antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using SMARCA4 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SMARCA4 antibody

The protein encoded by this gene is a member of the SWI/SNF family of proteins and is similar to the brahma protein of *Drosophila*. Members of this family have helicase and ATPase activities and 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, which is required for transcriptional activation of genes normally repressed by chromatin. In addition, this protein can bind BRCA1, as well as regulate the expression of the tumorigenic protein CD44. Mutations in this gene cause rhabdoid tumor predisposition syndrome type 2. Multiple transcript variants encoding different isoforms have been found for this gene.

Product Categories/Family for anti-SMARCA4 antibody

Total protein Ab

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/smarca4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/311061>