

Rabbit anti-Human Probable global transcription activator SNF2L2 Polyclonal Antibody | anti-SNF2L2 antibody

Rabbit anti-human Probable global transcription activator SNF2L2 polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119654	Rabbit	Human	Chromatin Immunoprecipitation, Immunoprecipitation, Immunohistochemistry, ELISA

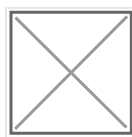
PRODUCT SYNONYMS

Probable global transcription activator SNF2L2; Polyclonal Antibody; Rabbit anti-human Probable global transcription activator SNF2L2 polyclonal Antibody; ATP-dependent helicase SMARCA2; BRG1-associated factor 190B; Protein brahma homolog; SNF2-alpha; SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 2; BAF190B; BRM; SNF2A; SNF2L2; SMARCA2; anti-SNF2L2 antibody

PRODUCT SPECIFICATIONS

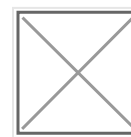
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	1590
Applicable Applications for anti-SNF2L2 antibody	ChIP (Chromatin immunoprecipitation), IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Probable global transcription activator SNF2L2 protein(700-1216aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-6450 / sc-28710
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



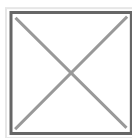
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreatic cancer using AAA119654 at dilution 1:100



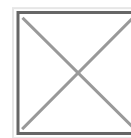
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis tissue using AAA119654 at dilution 1:100



ChIP (Chromatin Immunoprecipitation)

Chromatin Immunoprecipitation HeLa(1.1¹⁰⁶)were cross-linked with formaldehyde, sonicated, and immunoprecipitated with 4ug anti-BRM or a control normal rabbit IgG . The resulting ChIP DNA was quantified using real-time PCR with primers against the ESR1 pS2 promoter.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human testis using AAA119654 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-SNF2L2 antibody	Transcriptional coactivator cooperating with nuclear hormone receptors to potentiate transcriptional activation. Also involved in vitamin D-coupled transcription regulation via its association with the WINAC complex, a chromatin-remodeling complex recruited by vitamin D receptor (VDR), which is required for the ligand-bound VDR-mediated transrepression of the CYP27B1 gene. Belongs to the neural progenitors-specific chromatin remodeling complex (npBAF complex) and the neuron-specific chromatin remodeling complex (nBAF complex). During neural development a switch from a stem/progenitor to a post-mitotic chromatin remodeling mechanism occurs as neurons exit the cell cycle and become committed to their adult state. The transition from proliferating neural stem/progenitor cells to post-mitotic neurons requires a switch in subunit composition of the npBAF and nBAF complexes. As neural progenitors exit mitosis and differentiate into neurons, npBAF complexes which contain ACTL6A/BAF53A and PHF10/BAF45A, are exchanged for homologous alternative ACTL6B/BAF53B and DPF1/BAF45B or DPF3/BAF45C subunits in neuron-specific complexes (nBAF). The npBAF complex is essential for the self-renewal/proliferative capacity of the multipotent neural stem cells. The nBAF complex along with CREST plays a role regulating the activity of genes essential for dendrite growth.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	574957243
NCBI GeneID	6595
NCBI Accession #	NP_001276325.1
NCBI GenBank Nucleotide #	NM_001289396.1
UniProt Accession #	P51531; B1ALG3; B1ALG4; D3DRH4; D3DRH5
Molecular Weight	179,281 Da
NCBI Official Full Name	probable global transcription activator SNF2L2 isoform a
NCBI Official Synonym Full Names	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2
NCBI Official Symbol	SMARCA2
NCBI Official Synonym Symbols	BRM; SNF2; SWI2; hBRM; NCBRS; Sth1p; BAF190; SNF2L2; SNF2LA; hSNF2a
NCBI Protein Information	probable global transcription activator SNF2L2
UniProt Protein Name	Probable global transcription activator SNF2L2
UniProt Gene Name	SMARCA2
UniProt Synonym Gene Names	BAF190B; hBRM
UniProt Entry Name	SMCA2_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.