

Rabbit SMARCE1 Polyclonal Antibody | anti-SMARCE1 antibody

SMARCE1 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197563	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot

PRODUCT SYNONYMS

SMARCE1; Polyclonal Antibody; SMARCE1 antibody - N-terminal region; anti-SMARCE1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EE REKEAAEQAE RSQSSIVPEE EQAANKGEEK KDDENIPMET EETHLEET
Sequence Length	411
Applicable Applications for anti-SMARCE1 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 77%; Horse: 92%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 85%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SMARCE1
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

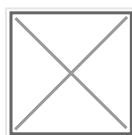
IMAGES



WB (Western Blot)

WB Suggested Anti-SMARCE1 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:62500
Positive Control: Transfected 293T


IHC (Immunohistochemistry)

Rabbit Anti-SMARCE1 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Kidney
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec


IHC (Immunohistochemistry)

Rabbit Anti-SMARCE1 antibody
Formalin Fixed Paraffin Embedded Tissue: Human Colon
Primary antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20x
Exposure Time: 0.5-2.0sec

ADDITIONAL INFORMATION

Related Product Information for anti-SMARCE1 antibody	This is a rabbit polyclonal antibody against SMARCE1. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SMARCE1 is part of the large ATP-dependent chromatin remodeling complex SWI/SNF, which is required for transcriptional activation of genes normally repressed by chromatin. The protein, either alone or when in the SWI/SNF complex, can bind to 4-way junction DNA, which is thought to mimic the topology of DNA as it enters or exits the nucleosome. The protein contains a DNA-binding HMG domain, but disruption of this domain does not abolish the DNA-binding or nucleosome-displacement activities of the SWI/SNF complex. Unlike most of the SWI/SNF complex proteins, this protein has no yeast counterpart. The protein encoded by this gene is part of the large ATP-dependent chromatin remodeling complex SWI/SNF, which is required for transcriptional activation of genes normally repressed by chromatin. The encoded protein, either alone or when in the SWI/SNF complex, can bind to 4-way junction DNA, which is thought to mimic the topology of DNA as it enters or exits the nucleosome. The protein contains a DNA-binding HMG domain, but disruption of this domain does not abolish the DNA-binding or nucleosome-displacement activities of the SWI/SNF complex. Unlike most of the SWI/SNF complex proteins, this protein has no yeast counterpart. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-72 BQ707908.1 667-738 73-2415 AK095047.1 40-2382 2416-2425 BC063700.1 2379-2388
Product Categories/Family for anti-SMARCE1 antibody	Polyclonal; Transcription Factor; Transcription Regulation; Chromatin & Nuclear Signaling; Neuroscience; Epigenetics; DNA/RNA/Protein Interactions; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	21264355
NCBI GeneID	6605
NCBI Accession #	NP_003070
NCBI GenBank Nucleotide #	NM_003079
UniProt Accession #	Q969G3
Molecular Weight	47kDa
NCBI Official Full Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1
NCBI Official Synonym Full Names	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily e, member 1
NCBI Official Symbol	SMARCE1
NCBI Official Synonym Symbols	CSS5; BAF57
NCBI Protein Information	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1
UniProt Protein Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1
UniProt Gene Name	SMARCE1
UniProt Synonym Gene Names	BAF57; BAF57
UniProt Entry Name	SMCE1_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.