SMARCD2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SMARCD2, Polyclonal Antibody
Full Product Name	SMARCD2 Antibody, Biotin conjugated
Product Gene Name	anti-SMARCD2 antibody
Product Synonym Names	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 2; 60 kDa BRG-1/Brm-associated factor subunit B; BRG1-associated factor 60B; BAF60B; SMARCD2; BAF60B; PRO2451
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: SMARCD2 (MBS7109416) Biotin Conjugated Antibody: SMARCD2 (MBS7109419)
3D Structure	ModBase 3D Structure for Q92925
Immunogen	Recombinant Human SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 2 protein (1-113AA)
Conjugation	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-SMARCD2 antibody	Epigenetics and Nuclear Signaling
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-SMARCD2 antibody	ELISA (EIA)
Related Product Information for anti-SMARCD2 antibody	Involved in transcriptional activation and repression of select genes by chromatin remodeling (alteration of DNA-nucleosome topology).
Other Notes	Small volumes of anti-SMARCD2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SMARCD2 purchase	MBS7109419 is an antibody targeting SMARCD2. Also known as SMARCD2 Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SMARCD2. It may not necessarily be applicable to this product.

NCBI GI #	148536864

NCBI GeneID	6603
NCBI Accession #	NP_001091896.1
UniProt Primary Accession #	Q92925
UniProt Related Accession #	Q92925
GenBank Nucleotide #	NM_001098426.1
NCBI Official Full Name	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 2 isoform 1
NCBI Official Synonym Full Names	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily d, member 2
NCBI Official Symbol	SMARCD2
NCBI Official Synonym Symbols	SGD2; Rsc6p; BAF60B; CRACD2; PRO2451
Protein Family	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily
NCBI Protein Information	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily D member 2
NCBI Summary for SMARCD2	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 has sequence similarity to the yeast Swp73 protein. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Research Articles on SMARCD2	**1.** Defective expression of SMARCD2 (SWI/SNF-related, matrix-associated, actin-dependent regulator of chromatin, subfamily D, member 2) leads to transcriptional and chromatin changes in acute myeloid leukemia (AML) promyelocytic cells, suggesting SMARCD2 is a key factor controlling myelopoiesis and is a potential tumor suppressor in leukemia.
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