

MaxPab®

SMARCA2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00006595-B01P Size 500 ug

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human SMARCA2 protein.
Immunogen	SMARCA2 (AA156186.1, 1 a.a. ~ 1572 a.a) full-length human protein.
Sequence	MSTPTDPGAMPHPGPSPGPGSPGPILGPSPGPGSPGSPSVHSMMGPSPGPPSVSHPMPTMGS TDFPQEGMHQMHPIDGIHDKGVEDIHCGSMKGTGMRPPHPGMGPPQSPMDQHSQGYMSPHP SPLGAPEHVSSPMSGGGTPPQMPPSQPGALIPGDPQAMSQPNRGSPFSPVQLHQLRAQILA YKMLARGQPLPETLQLAVQGKRTLPGLQQQQQQQQQQQQQQQQQQQQQQPQQQPPQPQTQ QQQPALVNYNRPSGPGPELSGPSTPQKLPVPAPGGRPSPAPPAAAQPPAAAVGPSVPQPA PGQPSPVLQLQQKQSRISPIQKPQGLDPVEILQEREYRLQARIAHRIQELENLPGSLPPDLRTKATV ELKALRLLNFQRQLRQEVVACMRRDTTLETALNSKAYKRSKRQTLREARMTEKLEKQQKIEQERK RRQKHQEYLSILQHAKDFKEYHRSVAGKIQKLSKAVATWHANTEREQKKETERIEKERMRLMA EDEEGYRKIDQKKDRRLAYLLQQTDEYVANLTNLVWEHKQAQAAKEKKRRRRKKKAEENAEG GESALGPDGEPIDESSQMSDLPVKVTHTETGKVLFGEAPKASQLDAWLEMNPGYEVAPRSDS EESDSDYEEDEEEESSRQETEEKILLDPNSEEVSEKDAKQIETAKQDQDDEYSMQYSARGSQ SYTVAHAISERVEKQSALLINGTLKHYQLQGLEWMVSLYNNNLNGILADEMGLGKTIQTIALITYLME HKRLNGPYLIVPLSTLSNWTYEFDKWAPSVVKISYKGPAMRRSLVPQLRSGKFNVLLTTYEYIKD KHILAKIRWKYMMVDEGHRMKNHHCKLTQVLNTHYVAPRRILLTGTPLNKLPWALLNLLPTIFK SCSTFEQWFNAPFAMTGERVDLNEEETILIRRLHKVLRPFLRLKKEVESQLPEKVEYVIKCDMS ALQKILYRHMQAAGILLTDGSEKDKKGKGGAKTLMNTIMQLRKICNHPYMFQHIEESFAEHLGYSNG VINGAELYRASGFELLDRLPKLRATNHRVLLFCQMTSLMTIMEDYAFRNFLYLRLDGTTKSEDR AALLKKFNEPGSQYFIFLLSTRAGGLGLNLQAADTVVIFDSDWNPHQDLQAQDRAHRIGQQNEVR VLRLCDTVNSVEEKILAAAKYKLNVDQKVIQAGMFDQKSSSHERRAFLQAILEHEEENEDEEVPD DETLNQMIARREEEFDLFMRMDMDRRREDARNPKRKPRLMEEDELPSWIKDDAEVERLTCEEE EEKIFGRGSRQRDQDYSALTEKQWLRAIEDGNLEEMEEVRLKKRKRNRNVDKDPKEDVE KAKKRRGRPPAEKLSNPPLTKQMNAIIDTVINYKDSSGRQLSEVFIQLPSRKELPEYYELIRKPV DFKKIKERIRNHKYRSLGDLEKDVMLLCHNAQTFNLEGSQIYEDSIVLQSVFKSARQKIAKEEESD ESNEEEEEDEEESESEAKSVKVKIKLNKKDDKGRDKGKGKKRPNRGKAKPVVSDFDSDDEEQ DEREQSEGSGTDDE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (97); Rat (95)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

Gene Info — SMARCA2

Entrez GeneID
[6595](#)
GeneBank Accession#
[BC156185.1](#)
Protein Accession#
[AAI56186.1](#)
Gene Name

SMARCA2

Gene Alias

BAF190, BRM, FLJ36757, MGC74511, SNF2, SNF2L2, SNF2LA, SWI2, Sth1p, hBRM, hSNF2a

Gene Description

SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 2

Omim ID
[600014](#)
Gene Ontology
[Hyperlink](#)
Gene Summary

The protein encoded by this gene is a member of the SWI/SNF family of proteins and is highly 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. Two transcript variants encoding different isoforms have been found for this gene, which contains a trinucleotide repeat (CAG) length polymorphism. [provided by RefSeq]

Other Designations

OTTHUMP00000020970|OTTHUMP00000020971|SNF2-alpha|SNF2-like 2|SNF2/SWI2-like protein 2|SWI/SNF-related matrix-associated actin-dependent regulator of chromatin a2|global transcription activator homologous sequence|sucrose nonfermenting 2-like protein 2

Disease

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