

# SMARCA2 rabbit monoclonal antibody

Catalog # H00006595-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human SMARCA2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SMARCA2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SMARCA2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — SMARCA2

Entrez GeneID	<a href="#">6595</a>
GeneBank Accession#	<a href="#">SMARCA2</a>
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	<a href="#">600014</a>
Gene Ontology	<a href="#">Hyperlink</a>
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

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)