

SMARCAL1 rabbit monoclonal antibody

Catalog # H00050485-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SMARCAL1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SMARCAL1 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 (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SMARCAL1 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) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SMARCAL1

Entrez GeneID	50485
GeneBank Accession#	SMARCAL1
Gene Name	SMARCAL1
Gene Alias	HARP, HHARP
Gene Description	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a-like 1
Omim ID	242900 606622
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the SWI/SNF family of proteins. 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 shows sequence similarity to the E. coli RNA polymerase-binding protein HepA. Mutations in this gene are a cause of Schimke immunoosseous dysplasia (SIOD), an autosomal recessive disorder with the diagnostic features of spondyloepiphyseal dysplasia, renal dysfunction, and T-cell immunodeficiency. [provided by RefSeq]
Other Designations	HepA-related protein OTTHUMP00000164057 SMARCA-like protein 1 SWI/SNF-related matrix-associated actin-dependent regulator of chromatin a-like 1

Disease

- [Tobacco Use Disorder](#)