

SAP18 rabbit monoclonal antibody

Catalog # H00010284-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SAP18 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SAP18 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 SAP18 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 — SAP18

Entrez GeneID [10284](#)

GeneBank Accession# [SAP18](#)

Gene Name SAP18

Gene Alias 2HOR0202, MGC27131, SAP18P

Gene Description Sin3A-associated protein, 18kDa

Omim ID [602949](#)

Gene Ontology [Hyperlink](#)

Gene Summary Histone acetylation plays a key role in the regulation of eukaryotic gene expression. Histone acetylation and deacetylation are catalyzed by multisubunit complexes. The protein encoded by this gene is a component of the histone deacetylase complex, which includes SIN3, SAP30, HDAC1, HDAC2, RbAp46, RbAp48, and other polypeptides. This protein directly interacts with SIN3 and enhances SIN3-mediated transcriptional repression when tethered to the promoter. A pseudogene has been identified on chromosome 2. [provided by RefSeq]

Other Designations OTTHUMP00000018107|cell growth inhibiting protein 38|histone deacetylase complex subunit SAP18|sin3-associated polypeptide, p18