

# DMAP1 rabbit monoclonal antibody

Catalog # H00055929-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human DMAP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human DMAP1 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 DMAP1 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 — DMAP1

Entrez GeneID	<a href="#">55929</a>
GeneBank Accession#	<a href="#">DMP1</a>
Gene Name	DMAP1
Gene Alias	DKFZp686L09142, DNMAP1, DNMTAP1, EAF2, FLJ11543, KIAA1425, SWC4
Gene Description	DNA methyltransferase 1 associated protein 1
Omim ID	<a href="#">605077</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>This gene encodes a subunit of several, distinct complexes involved in the repression or activation of transcription. The encoded protein can independently repress transcription and is targeted to replication foci throughout S phase by interacting directly with the N-terminus of DNA methyltransferase 1. During late S phase, histone deacetylase 2 is added to this complex, providing a means to deacetylate histones in transcriptionally inactive heterochromatin following replication. The encoded protein is also a component of the nucleosome acetyltransferase of H4 complex and interacts with the transcriptional corepressor tumor susceptibility gene 101 and the pro-apoptotic death-associated protein 6, among others. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]</p>
Other Designations	DNMT1 associated protein 1 OTTHUMP00000008845 OTTHUMP00000008846 OTTHUMP00000008847