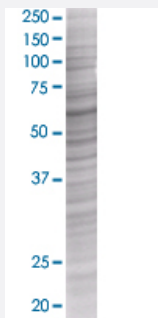


# DMAP1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00055929-T01

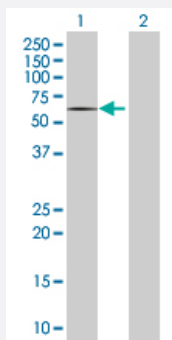
Size 100 uL

## Applications



### SDS-PAGE Gel

DMAP1 transfected lysate.



### Western Blot

Lane 1: DMAP1 transfected lysate ( 53 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-DMAP1 full-length
Host	Human
Theoretical MW (kDa)	51.48
Interspecies Antigen Sequence	Mouse (97); Rat (98)

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-DMAP1 antibody ([H00055929-B01](#)) by Western Blots.  
SDS-PAGE Gel  
DMAP1 transfected lysate.  
Western Blot  
Lane 1: DMAP1 transfected lysate ( 53 KDa)  
Lane 2: Non-transfected lysate.

## Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

## Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — DMAP1

## Entrez GeneID

[55929](#)

## GeneBank Accession#

[NM\\_019100.4](#)

## Protein Accession#

-

## Gene Name

DMAP1

## Gene Alias

DKFZp686L09142, DNMAP1, DNMTAP1, EAF2, FLJ11543, KIAA1425, SWC4

## Gene Description

DNA methyltransferase 1 associated protein 1

## Omim ID

[605077](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

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]

**Other Designations**

DNMT1 associated protein 1|OTTHUMP00000008845|OTTHUMP00000008846|OTTHUMP00000008847

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