



# Mouse anti-Human DMAP1 monoclonal antibody, clone 3H23 (CABT-B10108)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	DMAP1 (NP_061973,2a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	3H23
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IHC, ELISA
<b>Sequence Similarities</b>	MATGADV RDILELGGPEGDAASGTISKKDIINPDKKKSKKSSETLTFKRPEGMHREYYAL LYSDKKDAPLLPSDTGQGYRTVKAKLGSKKVRPWKWMPF
<b>Format</b>	Liquid
<b>Buffer</b>	In 1x PBS, pH 7.2
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## BACKGROUND

<b>Introduction</b>	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
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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, Jul 2008]

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**Keywords**

DMAP1; DNA methyltransferase 1 associated protein 1; EAF2; SWC4; MEAF2; DNMAP1; DNMTAP1; DNA methyltransferase 1-associated protein 1; DNMT1 associated protein 1; DNMT1-associated protein 1;

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## GENE INFORMATION

**Entrez Gene ID**

[55929](#)

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**UniProt ID**

[Q9NPF5](#)

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**Function**

DNA binding; RNA polymerase II repressing transcription factor binding; methyltransferase activity; protein binding; transcription corepressor activity; transferase activity;

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