



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

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

BACKGROUND

Introduction	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]

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
UniProt ID	Q9NPF5
Function	DNA binding; RNA polymerase II repressing transcription factor binding; methyltransferase activity; protein binding; transcription corepressor activity; transferase activity;
