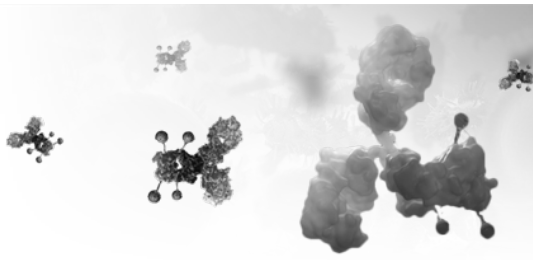

Anti-DMAP1 (aa 1-100) polyclonal antibody (DPAB-DC2459)

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

PRODUCT INFORMATION

Antigen Description	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.
Immunogen	DMAP1 (NP_061973, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. The sequence is MATGADVRDILELGGPEGDAASGTISKKDIINPDKKKSKKSSETLTFKRPEGMHREVYAL LYSDKKDAPPLLPSDTGQGYRTVKAKLGSKKVRPWKWMPF
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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GENE INFORMATION

Gene Name	DMAP1 DNA methyltransferase 1 associated protein 1 [Homo sapiens (human)]
Official Symbol	DMAP1
Synonyms	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;
Entrez Gene ID	55929
Protein Refseq	NP_001029195
UniProt ID	Q9NPF5
Chromosome Location	1p34
Pathway	Chromatin modifying enzymes; HATs acetylate histones;
Function	RNA polymerase II repressing transcription factor binding; chromatin binding; protein binding; transcription corepressor activity

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