



## Anti-DMAP1 Antibody

**Alternative Names:** DNA methyltransferase 1-associated protein 1, DNMAP1, DNMTAP1

**Catalogue Number:** AA17-10034-100ug

**Size:** 100 µg

### Background Information

DNA methyltransferase 1-associated protein 1 (DMAP1) is an enzyme consisting of 433 aminoacids. It is involved in transcription repression and activation. DMAP1 interacts with HDAC2 providing a mechanism for histone deacetylation in heterochromatin following replication of DNA at late dismissal origins. DMAP1 can also repress transcription independently of histone deacetylase activity. It participates in the nuclear localization of UR1 and increases its transcriptional co-repressor activity. It is expressed in many tissues including adipose tissue, adrenal gland, amniotic fluid, cerebellar cortex, hippocampus, liver.

### Product Information

<b>Antibody Type:</b>	Polyclonal	<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG	<b>Species Reactivity:</b>	Human, Rat
<b>Immunogen:</b>	Partial length recombinant human DMAP1 encompassing the Central and C-terminal regions of the protein		
<b>Format:</b>	100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide.		
<b>Storage Conditions:</b>	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
<b>Applications:</b>	WB WB: 2-4 µg/ml		

### Additional Information

<b>Subcellular location:</b>	Nucleus	<b>MW:</b>	53kDa (Intended as a general guide and does not allow for all isoforms and species variations)
<b>Gene ID</b>	55929	<b>Uniprot ID:</b>	Q9NPF5