

**DMAP1 antibody - N-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI10437****Specification****DMAP1 antibody - N-terminal region - Product Information**

Application	WB
Primary Accession	<a href="#">Q9NPF5</a>
Other Accession	<a href="#">NM_001034024</a> , <a href="#">NP_001029196</a>
Reactivity	Human, Mouse, Rat, Zebrafish, Horse, Bovine, Dog
Predicted	Human, Mouse, Rat, Zebrafish, Chicken, Bovine, Guinea Pig, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa kDa

**DMAP1 antibody - N-terminal region - Additional Information****Gene ID** 55929

**Alias Symbol** **EAF2, SWC4, MEAF2, DNMAP1, DNMTAP1**  
**Other Names**  
DNA methyltransferase 1-associated protein 1, DNMAP1, DNMT1-associated protein 1, DMAP1, KIAA1425

**Format**

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

**Reconstitution & Storage**

Add 100 ul of distilled water. Final anti-DMAP1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

**Precautions**

DMAP1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**DMAP1 antibody - N-terminal region - Protein Information****Name** DMAP1**Synonyms** KIAA1425**Function**

Involved in transcription repression and activation. Its interaction with HDAC2 may provide a mechanism for histone deacetylation in heterochromatin following replication of DNA at late firing origins. Can also repress transcription independently of histone deacetylase activity. May specifically potentiate DAXX-mediated repression of glucocorticoid receptor-dependent

transcription. Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage. Participates in the nuclear localization of URI1 and increases its transcriptional corepressor activity.

**Cellular Location**

Nucleus. Cytoplasm. Note=Targeted to replication foci throughout S phase by DNMT1

**DMAP1 antibody - N-terminal region - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)