

Datasheet for ABIN6971584  
**anti-DMAP1 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	DMAP1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DMAP1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

## Product Details

Immunogen:	This antibody was raised against a peptide within the C-terminal region of human DMAP1.
Isotype:	IgG
Characteristics:	DMAP1 (DNA Methyltransferase 1 Associated Protein 1) is 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-

## Product Details

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. DMAP1 antibody (pAb) was raised in a Rabbit host. It has been validated for use in Immunoprecipitation and Western blot, it has been shown to react with Human samples.

Purification:	Affinity Purified
---------------	-------------------

## Target Details

Target:	DMAP1
---------	-------

Alternative Name:	DMAP1 ( <a href="#">DMAP1 Products</a> )
-------------------	--

Molecular Weight:	60 kDa
-------------------	--------

NCBI Accession:	<a href="#">NP_061973</a>
-----------------	---------------------------

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
--------------------	--

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

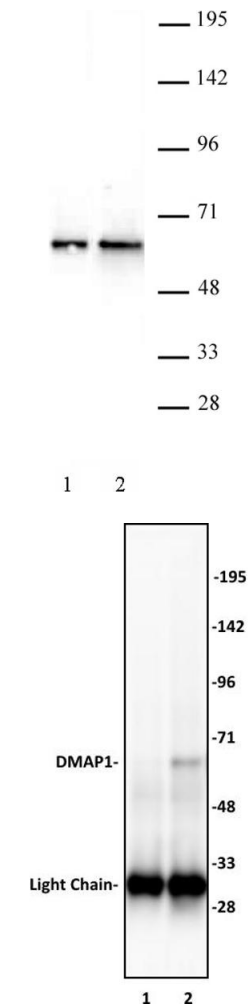
Buffer:	Purified IgG in PBS with 30 % glycerol and 0.035 % sodium azide.
---------	--

Preservative:	Sodium azide
---------------	--------------

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
--------------------	--

Storage:	-20 °C
----------	--------

Storage Comment:	Avoid repeated freeze/thaw cycles by aliquoting items into single-use fractions for storage at -20°C for up to 2 years. Keep all reagents on ice when not in storage.
------------------	---



### Western Blotting

**Image 1.** DMAP1 antibody (pAb) tested by Western blot. Nuclear extract (30 µg) of Caco-2 (Lane 1) and HeLa cells (Lane 2) probed with DMAP1 antibody at a 1:500 dilution.

### Immunoprecipitation

**Image 2.** DMAP1 antibody (pAb) tested by Immunoprecipitation. 10 µL of DMAP1 antibody was used to immunoprecipitate DMAP1 from 500 µg of HeLa nuclear cell extract (lane 2). 10 µL of rabbit IgG was used as a negative control (lane 1). The immunoprecipitated protein was detected by Western blotting using the DMAP1 antibody at a dilution of 1:500.