

Datasheet for ABIN7266814

anti-DMAP1 antibody**1** Image[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	DMAP1
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This DMAP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	DMAP1 Rabbit mAb
Immunogen:	Recombinant protein of human DMAP1.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	DMAP1
Alternative Name:	DMAP1 (DMAP1 Products)
Background:	This gene encodes a subunit of several, distinct complexes involved in the repression or

Target Details

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.,DMP1, DNMP1, DNMTAP1, EAF2, MEAF2, SWC4, DNA methyltransferase 1-associated protein 1,Epigenetics & Nuclear Signaling,DMP1

Molecular Weight: 53kDa

Gene ID: 55929

UniProt: [Q9NPF5](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

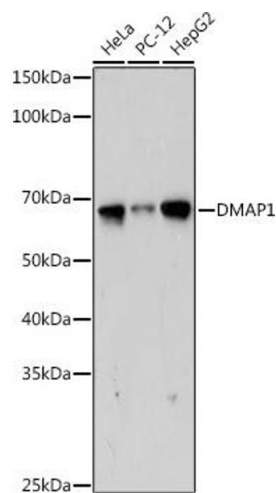
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

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: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using DM antibody (ABIN7266814) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.