

# DMAP1 Rabbit Polyclonal Antibody

Catalog No: #54678

Package Size: #54678-1 50ul #54678-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

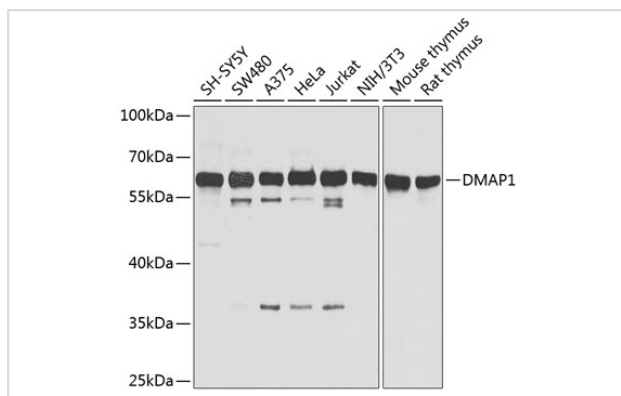
## Description

Product Name	DMAP1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human DMAP1 (NP_061973.1).
Other Names	DMAP1;DNMAP1;DNMTAP1;EAF2;MEAF2;SWC4
Accession No.	Swiss Prot:Q9NPF5GeneID:55929
Calculated MW	52kDa
SDS-PAGE MW	60kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

## Application Details

WB □ 1:1000 - 1:4000 IHC □ 1:50 - 1:200

## Images



Western blot analysis of extracts of various cell lines, using DMAP1 at 1:1000 dilution.

## Background

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.

---

Note: This product is for in vitro research use only and is not intended for use in humans or animals.