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DMAP1 (C2) Antibody, Rabbit Polyclonal

Cat#: R1948-2

Quantity: 100 ul

Predicted | Observed M.W.: 53 | 58 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9NPF5

Background:

DNA methyltransferase 1-associated protein 1 (DMAP1) is involved in transcription repression and activation. DMAP1 interaction with HDAC2 may provide a mechanism for histone deacetylation in heterochromatin following replication of DNA at late firing origins. DMAP1 can also repress transcription independently of histone deacetylase activity. DMAP1 is a 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.

Other Names:

DNA methyltransferase 1-associated protein 1, DNMAP1, DNMT1-associated protein 1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing C-terminal region of human DMAP1. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.



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Product Data:

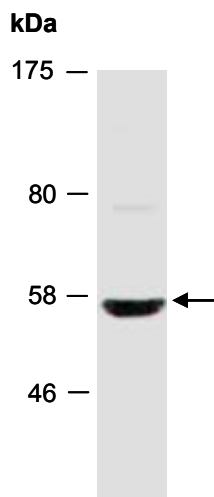


Fig 1. Western blot of total cell extracts from mouse thymus; using anti-DMAP1 (C2) (R1948-2) at RT for 2 h.