

For Research Use Only

DMAP1 Polyclonal ANTIBODY



Catalog Number: 10411-1-AP

Featured Product

5 Publications

Basic Information

Catalog Number:

10411-1-AP

Size:

150UL, Concentration: 293 µg/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0665

GenBank Accession Number:

BC002855

GeneID (NCBI):

55929

Full Name:

DNA methyltransferase 1 associated protein 1

Calculated MW:

53 kDa

Observed MW:

53-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IP 0.5-4.0 µg for IP and 1:200-1:1000 for WB

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB: COLO 320 cells, HeLa cells, NIH/3T3 cells

IP: COLO 320 cells,

Background Information

DMAP1 (DNA methyltransferase 1-associated protein 1) a component of the NuA4 histone acetyltransferase complex, was originally identified as an interacting molecule with DNA methyltransferase 1 (DNMT1) which co-localizes with PCNA at DNA replication foci. DMAP1 is required for DNA repair and acts against genomic instability. DMAP1 is widely implicated in transcription repression and activation via its interaction with multiple targets including histone deacetylase2 (HDAC2). The antibody reacts specifically with DMAP1 protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Jinbeom Heo	31709755	EMBO Mol Med	WB
Poshen B Chen	26551076	Nat Struct Mol Biol	
Thomas G Fazio	18614019	Cell	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

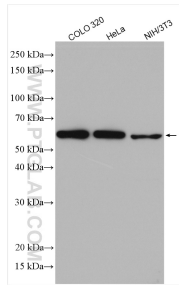
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

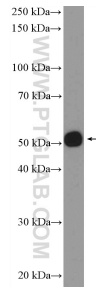
E: proteintech@ptglab.com
W: ptglab.com

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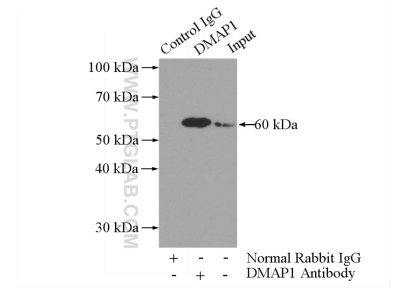
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10411-1-AP (DMAP1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 10411-1-AP (DMAP1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP Result of anti-DMAP1 (IP:10411-1-AP, 3ug; Detection:10411-1-AP 1:300) with COLO 320 cells lysate 2500ug.