

DMAP1 Polyclonal Antibody

Catalog number: 10411-1-AP

Size: 44 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

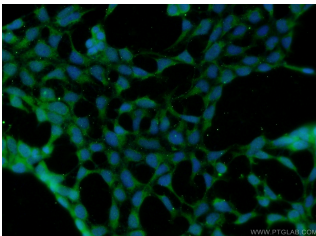
DMAP1; DKFZp686L09142,

DMAP1, DNMAP1, DNMT1

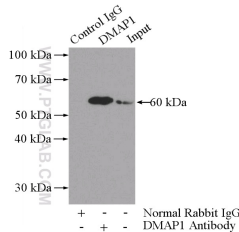
associated protein 1,

DNMTAP1, EAF2, FLJ11543,

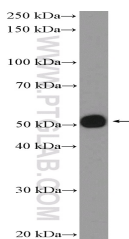
KIAA1425, SWC4



Immunofluorescent analysis of HEK-293 cells using 10411-1-AP(DMAP1 Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



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



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

Background

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.

Applications

Tested applications:	ELISA, IP, WB, IF
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated DMAP1 MW:	53 kDa
Observed DMAP1 MW:	50-60 kDa
Positive WB detected in	NIH/3T3 cells, COLO 320 cells, HeLa cells
Positive IP detected in	COLO 320 cells
Positive IF detected in	HEK-293 cells
Recommended dilution:	WB: 1:500-1:5000
	IP: 1:200-1:1000
	IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0665
GenBank accession number:	BC002855
Gene ID (NCBI):	55929
Full name:	DNA methyltransferase 1 associated protein 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.