

DMAP1 Monoclonal antibody

Catalog Number: 67183-1-Ig

Basic Information

Catalog Number:

67183-1-Ig

Size:

2100 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28906

GenBank Accession Number:

BC002855

GeneID (NCBI):

55929

UNIPROT ID:

Q9NPF5

Full Name:

DNA methyltransferase 1 associated protein 1

Calculated MW:

53 kDa

Observed MW:

60 kDa

Purification Method:

Protein G purification

CloneNo.:

1A4E8

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:400-1:1600

Applications

Tested Applications:

IF/ICC, WB, ELISA

Species Specificity:

Human, Mouse, Rat

Positive Controls:

WB : HeLa cells, HEK-293 cells, HepG2 cells, jurkat cells, K-562 cells, HSC-T6 cells, PC-12 cells, NIH/3T3 cells

IF/ICC : HEK-293 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).

Storage

Storage:

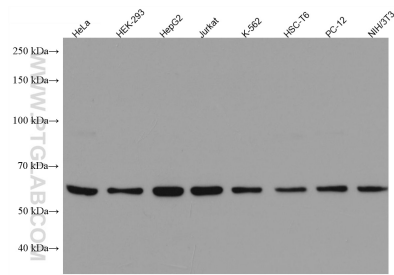
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

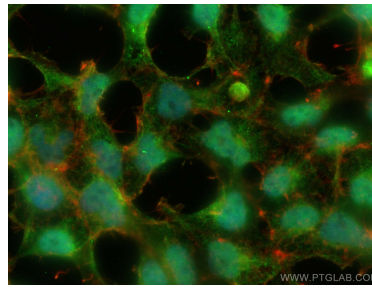
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67183-1-Ig (DMAP1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using DMAP1 antibody (67183-1-Ig, Clone: 1A4E8) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).