

# Acetyl-DNMT1-K1127/K1129/K1131/K1133 Rabbit pAb

Catalog No.: A5595

1 Publications

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

183kDa

### Category

Primary antibody

### Applications

ELISA, IHC-P, IF/ICC

### Cross-Reactivity

Human, Mouse, Rat

## Background

This gene encodes an enzyme that transfers methyl groups to cytosine nucleotides of genomic DNA. This protein is the major enzyme responsible for maintaining methylation patterns following DNA replication and shows a preference for hemi-methylated DNA. Methylation of DNA is an important component of mammalian epigenetic gene regulation. Aberrant methylation patterns are found in human tumors and associated with developmental abnormalities. Variation in this gene has been associated with cerebellar ataxia, deafness, and narcolepsy, and neuropathy, hereditary sensory, type IE. Alternative splicing results in multiple transcript variants.

## Recommended Dilutions

IHC-P	1:50 - 1:100
IF/ICC	1:50 - 1:100

## Immunogen Information

### Gene ID

1786

### Swiss Prot

P26358

### Immunogen

A synthetic acetylated peptide around K1127 & K1129 & K1131 & K1133 of human DNMT1 (NP\_001124295.1).

### Synonyms

AIM; DNMT; MCMT; CXXC9; HSN1E; ADCADN; m.Hsal; Acetyl-DNMT1-K1127/K1129/K1131/K1133

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

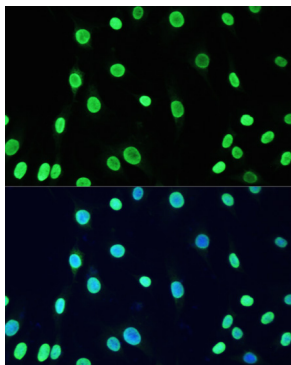
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3.

## Validation Data

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Immunofluorescence analysis of C6 cells using Acetyl-DNMT1-K1127/K1129/K1131/K1133 antibody (A5595) at dilution of 1:100. Blue: DAPI for nuclear staining.