

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

IHC-P,IF/ICC,ELISA

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

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

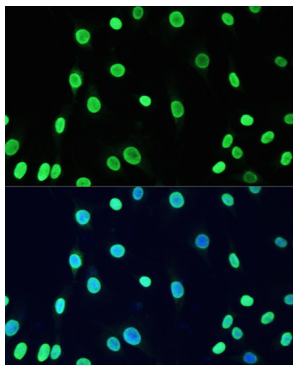
Affinity purification

Storage

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

Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

Validation Data



Immunofluorescence analysis of C6 cells using Acetyl-DNMT1-K1127/K1129/K1131/K1133 Rabbit pAb (A5595) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.