

A5595

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

Catalog No.: A5595 **1 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

183kDa

Category

Polyclonal 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

Immunogen Information

Gene ID	Swiss Prot
1786	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



www.abclonal.com

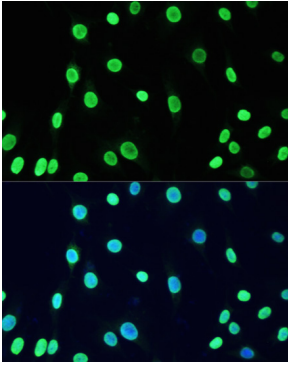
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.

Validation Data



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