

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

Catalog No: #30656

Package Size: #30656-1 50ul #30656-2 100ul

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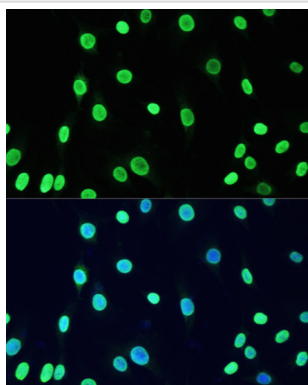
## Description

Product Name	Acetyl-DNMT1-K1127/K1129/K1131/K1133 pAb
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human DNMT1
Other Names	DNMT1; ADCADN; AIM; CXXC9; DNMT; HSN1E; MCMT; m.HsaI; DNA methyltransferase 1
Accession No.	Swiss-Prot#:P26358NCBI Gene ID:1786
Uniprot	P26358
GeneID	1786;
Calculated MW	Refer to figures
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

## Application Details

IHC□1:50 - 1:100IF□1:50 - 1:100

## Images



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

## 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.

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Note: This product is for in vitro research use only