

A3205

Leader in Biomolecular Solutions for Life Science



## DNMT1 Rabbit pAb

Catalog No.: A3205

2 Publications

### Basic Information

#### Observed MW

220kDa

#### Calculated MW

183kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IP,FC

#### Cross-Reactivity

Human

### 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

WB	1:500 - 1:2000
IP	1:20 - 1:50
FC	1:20 - 1:50

### Immunogen Information

#### Gene ID

1786

#### Swiss Prot

P26358

#### Immunogen

Recombinant protein of human DNMT1

#### Synonyms

AIM; DNMT; MCMT; CXXC9; HSN1E; ADCADN; m.Hsa1; DNMT1

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

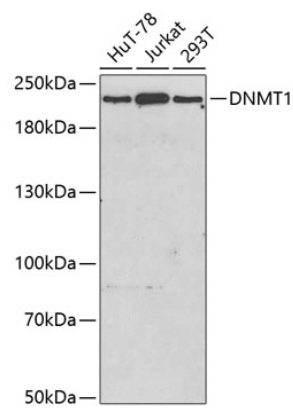
Affinity purification

#### Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.

# Validation Data



Western blot analysis of extracts of various cell lines, using DNMT1 antibody (A3205).  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.