

# [KO Validated] DNMT1 Rabbit Polyclonal Antibody

## CAB5495



### Product Information

**Size:**

20uL, 50uL, 100uL, 200uL

**Observed MW:**

200kDa

**Calculated MW:**

144kDa/183kDa/184kDa

**Applications:**

WB IF IP

**Reactivity:**

Human

### Antibody Information

**Recommended dilutions:**

WB 1:500 - 1:2000 IF 1:50 - 1:200 IP 1:50 - 1:100

**Source:**

Rabbit

**Isotype:**

IgG

**Purification:**

Affinity purification

### Protein 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.

### Immunogen information

**Gene ID:**

1786

**Uniprot**

P26358

**Synonyms:**

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

**Immunogen:**

Recombinant fusion protein containing a sequence corresponding to amino acids 1-270 of human DNMT1 (NP\_001370.1).

**Storage:**

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

