

**Product Name: Dnmt1 Rabbit Polyclonal Antibody****Catalog #: APRab03735**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,FC
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,FC 1:50-1:100
<b>Molecular Weight</b>	Calculated MW: 183 kDa; Observed MW: 183 kDa

**Antigen Information**

<b>Gene Name</b>	DNMT1
<b>Alternative Names</b>	ADCADN; CXXC finger protein 9; CXXC9; DNA methyltransferase 1; DNA MTase; Dnmt1o; HSN1E; M.HsaI; MCMT; Met1; MommeD2
<b>Gene ID</b>	1786
<b>SwissProt ID</b>	P26358
<b>Immunogen</b>	A synthetic peptide of human Dnmt1

**Background**

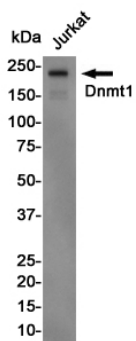
Methylation of DNA at cytosine residues in mammalian cells is a heritable, epigenetic modification that is critical for proper

regulation of gene expression, genomic imprinting and development. It is responsible for maintaining methylation patterns established in development. DNA methylation is coordinated with methylation of histones. Mediates transcriptional repression by direct binding to HDAC2.

## Research Area

Epigenetics and Nuclear Signaling

## Image Data



Western blot analysis of DNMT1 in Jurkat lysates using Dnmt1 antibody.