

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



## Summary

<b>Production Name</b>	Dnmt1 Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,FC
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	DNMT1
<b>Alternative Names</b>	ADCADN; CXXC finger protein 9; CXXC9; DNA methyltransferase 1; DNA MTase; Dnmt1o; HSN1E; M.Hsal; MCMT; Met1; MommeD2
<b>Gene ID</b>	1786
<b>SwissProt ID</b>	P26358

## 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

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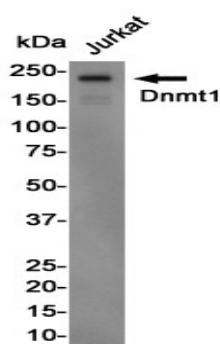
## Background

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.

## Note

For research use only.