

## DNMT1 RABBIT PAB

**Cat.#:** N226040

**Product Name:** Anti-Dnmt1 Rabbit pAb

**Synonyms:** ADCADN; CXXC finger protein 9; CXXC9; DNA methyltransferase 1; DNA MTase; Dnmt1o; HSNIE; M.Hsa1; MCMT; Met1; MommeD2

**UNIPROT ID:** P26358

**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.

**Immunogen:** A synthetic peptide of human Dnmt1

**Applications:** FC, WB

**Recommended Dilutions:** WB: 1/500-1/1000 FC: 1/50-1/100

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Clone ID:** -

**MW:** Calculated MW: 183 kDa; Observed MW: 183 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human

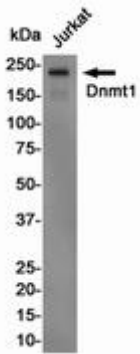
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics, DNA methylation

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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