

DNMT3A

Reactivity: Human Rat

Tested applications: WB ICC IF

Recommended Dilution: WB 1:500 - 1:2000 ICC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 120 kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human DNMT3A

Storage Buffer:

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

Synonym:

TBRS; DNMT3A2; M.HsaIIIA;

Catalog #: A10844

Antibody Type:

Monoclonal Antibody

Species: Rabbit

Gene ID: 1788

Isotype: IgG

Swiss Prot: Q9Y6K1

Purity: Affinity purification

For research use only.

Background:

CpG methylation is an epigenetic modification that is important for embryonic development, imprinting, and X-chromosome inactivation. Studies in mice have demonstrated that DNA methylation is required for mammalian development. This gene encodes a DNA methyltransferase that is thought to function in de novo methylation, rather than maintenance methylation. The protein localizes to the cytoplasm and nucleus and its expression is developmentally regulated.

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