

A19659

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## [KO Validated] DNMT3A Rabbit mAb

Catalog No.: A19659

**KO** Validated

Recombinant

5 Publications

### Basic Information

#### Observed MW

130kDa

#### Calculated MW

102kDa

#### Category

SMab Recombinant Monoclonal  
Antibody

#### Applications

WB,ELISA

#### Cross-Reactivity

Human

#### CloneNo number

ARC0138

### 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.

### Recommended Dilutions

**WB** 1:500 - 1:2000

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

### Immunogen Information

#### Gene ID

1788

#### Swiss Prot

Q9Y6K1

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 550-650 of human DNMT3A (Q9Y6K1).

#### Synonyms

TBRS; HESJAS; DNMT3A2; M.HsaIII A; 3A

### Contact

 [www.abclonal.com](http://www.abclonal.com)

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.