

A2065

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## DNMT3A Rabbit pAb

Catalog No.: A2065

11 Publications

### Basic Information

#### Observed MW

110kDa/130kDa

#### Calculated MW

102kDa

#### Category

Polyclonal Antibody

#### Applications

WB,IP,ELISA

#### Cross-Reactivity

Human,Mouse,Rat

### 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

**IP** 0.5µg-4µg antibody for  
200µg-400µg extracts of  
whole cells

### Immunogen Information

#### Gene ID

1788

#### Swiss Prot

Q9Y6K1

#### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-132 of human DNMT3A (NP\_072046.2).

#### Synonyms

TBRS; HESJAS; DNMT3A2; M.HsaIIIA; DNMT3A

### Contact



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

### Product Information

#### Source

Rabbit

#### Isotype

IgG

#### Purification

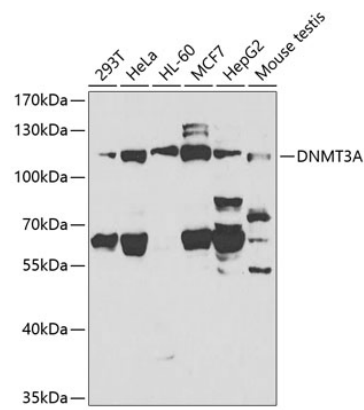
Affinity purification

#### Storage

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

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates using DNMT3A Rabbit pAb (A2065) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.

Immunoprecipitation analysis of 200 µg extracts of A-549 cells using 3 µg DNMT3A antibody (A2065).  
Western blot was performed from the immunoprecipitate using DNMT3A antibody (A2065) at a dilution of 1:1000.

