

DNMT3A Rabbit pAb

Catalog No.: A2065

11 Publications

Basic Information

Observed MW

110kDa/130kDa

Calculated MW

102kDa

Category

Primary antibody

Applications

ELISA, WB, IP

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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

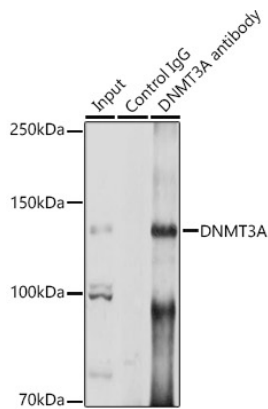
Affinity purification

Storage

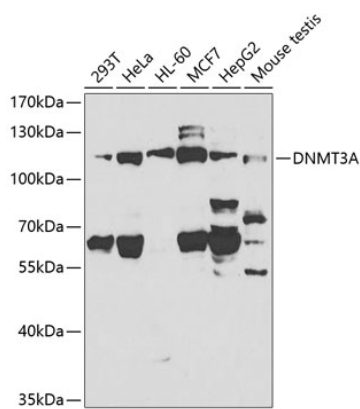
Store at -20°C. Avoid freeze / thaw cycles.

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

Validation Data



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.



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.