

## **Product datasheet for TA346818**

# **DNMT3A Rabbit Polyclonal Antibody**

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB

Reactivity: Mouse, Human

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

Immunogen: The immunogen for Anti-DNMT3A antibody is: synthetic peptide directed towards the C-

terminal region of Human DNMT3A. Synthetic peptide located within the following region:

STVNDKLELQECLEHGRIAKFSKVRTITTRSNSIKQGKDQHFPVFMNEKE

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

Purification: Affinity Purified

**Conjugation:** Unconjugated

**Store** at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 38 kDa

**Gene Name:** DNA (cytosine-5-)-methyltransferase 3 alpha

Database Link: NP 072046

Entrez Gene 13435 MouseEntrez Gene 1788 Human

Q9Y6K1



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**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. Alternative splicing results in multiple transcript

variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Synonyms: DNMT3A2; M.HsallIA; TBRS

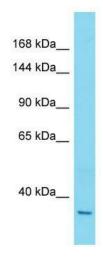
**Note:** Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human:

100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%

**Protein Families:** Druggable Genome

**Protein Pathways:** Cysteine and methionine metabolism, Metabolic pathways

### **Product images:**



Host: Rabbit; Target Name: DNMT3A; Sample Tissue: Lung Tumor lysates; Antibody Dilution: 1.0