

## DNMT3A Polyclonal Antibody

<b>Catalog No.</b>	A11791	<b>Category</b>	Polyclonal Antibodies
<b>Applications</b>	WB	<b>Observed MW</b>	102kDa
<b>Cross-reactivity</b>	Human, Mouse	<b>Calculated MW</b>	16kDa/81kDa/101kDa

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 500-700 of human DNMT3A (NP_715640.2).
<b>Gene ID</b>	1788
<b>Swiss prot</b>	Q9Y6K1
<b>Synonyms</b>	DNMT3A; DNMT3A2; M.HsaIIIA; TBRS; DNA methyltransferase 3 alpha

### Product information

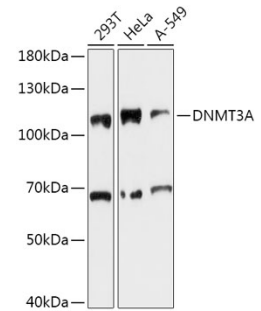
<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### 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



Western blot - DNMT3A Polyclonal Antibody (A11791)