

DNMT3A Polyclonal Antibody

Catalog No.	A6503	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	140kDa
Cross-reactivity	Human, Rat	Calculated MW	16kDa/81kDa/101kDa

Immunogen Information

Immunogen	Recombinant protein of human DNMT3A
Gene ID	1788
Swiss prot	Q9Y6K1
Synonyms	DNMT3A; DNMT3A2; M.HsaIIIA; TBRS; DNA methyltransferase 3 alpha

Product information

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

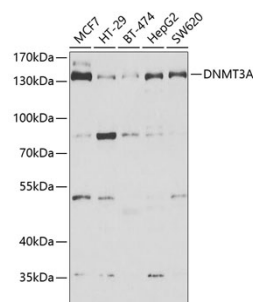
Background

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.

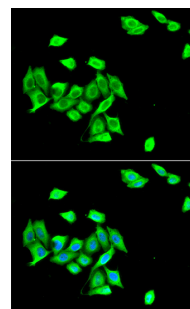
Recommended Dilutions

WB 1:500 -
1:2000

IF 1:10 -
1:100



Western blot - DNMT3A Polyclonal Antibody (A6503)



Immunofluorescence - DNMT3A Polyclonal Antibody (A6503)