

## DNMT3A antibody

### Product Information

Catalog No.:	FNab02484
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### 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.

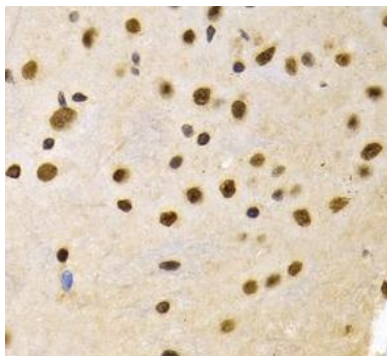
### Immunogen information

Immunogen:	DNA (cytosine-5-)-methyltransferase 3 alpha
Synonyms:	DNA (cytosine-5)-methyltransferase 3A (Dnmt3a) Cysteine methyltransferase DNMT3A DNA methyltransferase HsaIIIA (DNA MTase HsaIIIA, M.HsaIIIA) DNMT3A
Observed MW:	95 kDa
Uniprot ID :	Q9Y6K1

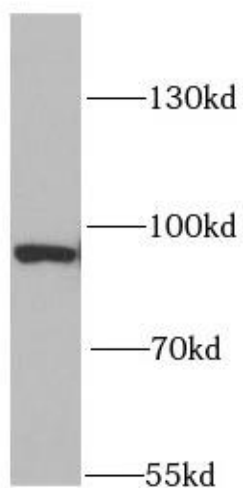
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded mouse brain using FNab02484(DNMT3A antibody) at dilution of 1:100



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab02484(DNMT3A antibody) at dilution of 1:1000