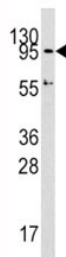


## Dnmt3a Antibody (F40558)

Catalog No.	Formulation	Size
F40558-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40558-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Predicted Reactivity</b>	Mouse, Rat
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Purified
<b>UniProt</b>	Q9Y6K1
<b>Applications</b>	Western Blot : 1:1000
<b>Limitations</b>	This Dnmt3a antibody is available for research use only.



Western blot analysis of Dnmt3a antibody and HepG2 lysate. Predicted molecular weight: 100-130 kDa

## Description

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. Dnmt3a is 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.

## Application Notes

Titration of the Dnmt3a antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## **Immunogen**

A portion of amino acids 723-752 from the human protein was used as the immunogen for this Dnmt3a antibody.

## **Storage**

Aliquot the Dnmt3a antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.