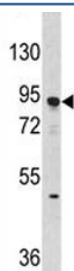


Dnmt3a Antibody (F40604)

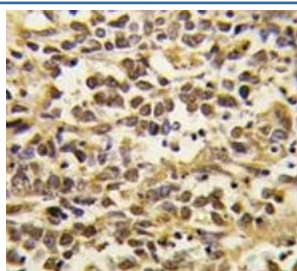
Catalog No.	Formulation	Size
F40604-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40604-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Chicken, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9Y6K1
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50
Limitations	This Dnmt3a antibody is available for research use only.



Western blot analysis of Dnmt3A antibody and Jurkat lysate. Predicted molecular weight: 100-130 kDa



IHC analysis of FFPE human kidney tissue stained with the Dnmt3a antibody

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. [Wiki]

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 457-486 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.