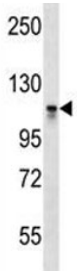
Dnmt3a Antibody (F44638)

Catalog No.	Formulation	Size
F44638-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44638-0.08ML	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	Mouse, Rat, Chicken
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q9Y6K1
Applications	Western blot: 1:1000
Limitations	This Dnmt3a antibody is available for research use only.



Dnmt3a antibody western blot analysis in CEM 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. 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. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq].

This antibody can be compared with our DNMT3A Antibody (clone PCRP-DNMT3A-1E2) for consistent detection of DNMT3A across epigenetic regulation and DNA methylation studies.

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 872-900 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.

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