

DNMT3A Polyclonal Antibody

Catalog No. E-AB-60859

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human, Mouse, Rat
Immunogen	Recombinant protein of human DNMT3A
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Applications

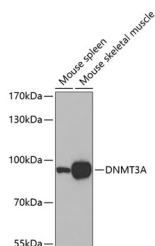
Recommended Dilution

WB 1:500-1:2000 IHC

1:50-1:200 IF

1:50-1:200

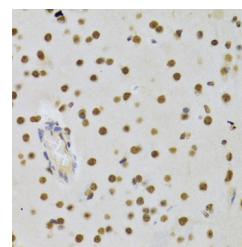
Data



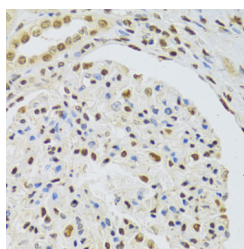
Western blot analysis of extracts of various cell lines using DNMT3A Polyclonal Antibody.

Observed Mw:95kDa

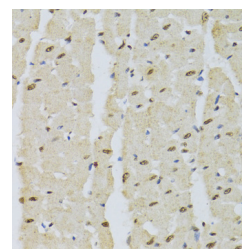
Calculated Mw:16kDa/81kDa/101kDa



Immunohistochemistry of paraffin-embedded Rat brain using DNMT3A Polyclonal Antibody at dilution of 1:100 (40x lens).

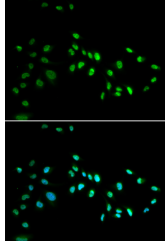


Immunohistochemistry of paraffin-embedded Human kidney using DNMT3A Polyclonal Antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Mouse heart using DNMT3A Polyclonal Antibody at dilution of 1:100 (40x lens).

For Research Use Only



Immunofluorescence analysis of A549 cells using
DNMT3A Polyclonal Antibody

Preparation & Storage

Storage Store at -20°C. Avoid 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.