

Anti-DNMT3A antibody

Cat. No.	ml120559
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-DNMT3A rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human DNMT3A
Reactivity	Human, Mouse, Rat
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	DNMT3A
Full name	DNA (cytosine-5-)-methyltransferase 3 alpha
Synonyms	DNMT3A2, M.HsaIIIA
Swissprot	Q9Y6K1

Target 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. Alternative splicing results in multiple transcript variants encoding different isoforms.

订购热线: 4008-898-798

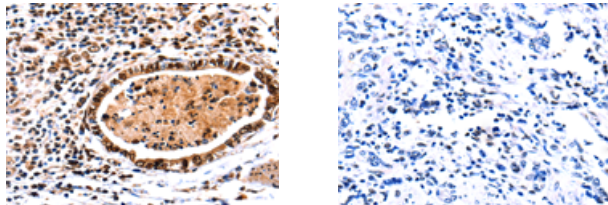
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm, Nucleus

Positive control: Human stomach cancer

Recommended dilution: 100-300



The image on the left is immunohistochemistry of paraffin-embedded Human stomach cancer tissue using ml120559(DNMT3A Antibody) at dilution 1/65, on the right is treated with fusion protein. (Original magnification: $\times 200$)

ELISA

Recommended dilution: 2000-5000

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