Recombinant Dnmt3a Monoclonal Antibody

catalog number: **E-AB-81503**

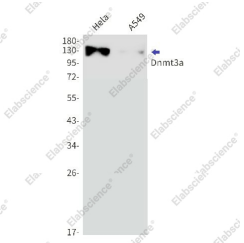
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthetic peptide of human Dnmt3a
Host	Rabbit
Isotype	Rabbit IgG
Clone	C333289
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	50 mM Tris-Glycine (pH 7.4), 0.15 M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:1000

Data



Western blot detection of Dnmt3a in Hela,A549 cell lysates using Dnmt3a Rabbit mAb(1:1000 diluted).Predicted band size:102kDa.Observed band size:130kDa.

Observed-MW:130 kDa

Calculated-MW:102 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze/thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

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.

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