

A10844

Leader in Biomolecular Solutions for Life Science



DNMT3A Rabbit mAb

Catalog No.: A10844 **Recombinant**

Basic Information

Observed MW

120kDa

Calculated MW

102kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IF/ICC,ELISA

Cross-Reactivity

Human,Mouse,Rat

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.

Recommended Dilutions

WB	1:500 - 1:2000
IF/ICC	1:100 - 1:500

Immunogen Information

Gene ID	Swiss Prot
1788	Q9Y6K1

Immunogen

Recombinant protein of human DNMT3A

Synonyms

TBRS; HESJAS; DNMT3A2; M.HsaIIIA; DNMT3A

Contact



www.abclonal.com

Product Information

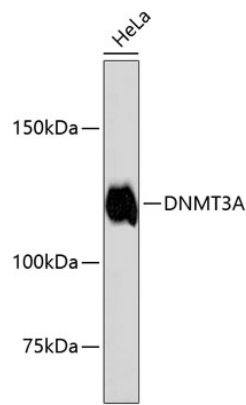
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of HeLa cells, using DNMT3A antibody (A10844).
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.