

Dnmt3a Rabbit mAb (AR1753)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,ELISA
Isotype:	IgG,Kappa
MW:	102kDa (Calculated) 130kDa (Observed)

Recommended Dilution Ratios

IHC:	1:100-500
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

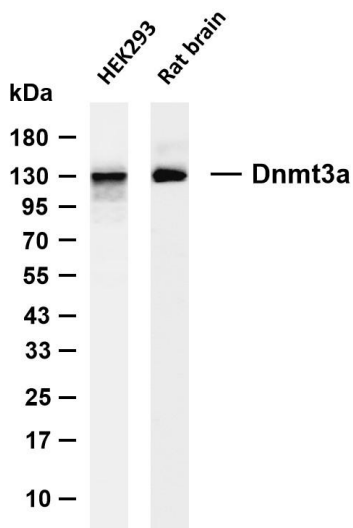
Gene name	DNMT3A
Protein Name	DNA (cytosine-5)-methyltransferase 3A (Dnmt3a) (DNA methyltransferase HsaIIIA) (DNA MTase HsaIIIA) (M.HsaIIIA)

Organism	Gene ID	UniProt ID
Human	1788	Q9Y6K1
Mouse		O88508
Rat		Q1LZ53

Cellular Localization	Nucleus. Chromosome. Cytoplasm. Accumulates in the major satellite repeats at pericentric heterochromatin.
Tissue specificity	Highly expressed in fetal tissues, skeletal muscle, heart, peripheral blood mononuclear cells, kidney, and at lower levels in placenta,

brain, liver, colon, spleen, small intestine and lung.

Validation Data



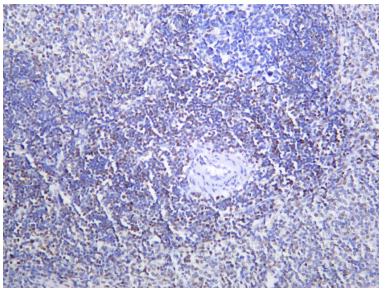
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Dnmt3a antibody. The HRP conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

Lane 1: HEK293

Lane 2: Rat brain

Predicted band size: 102kDa

Observed band size: 130kDa



Rat spleen was stained with anti-Dnmt3a Rabbit antibody.

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