

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)
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Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

Gene name	DNMT3A
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Protein Name	DNA (cytosine-5)-methyltransferase 3A (Dnmt3a) (DNA methyltransferase HsallIA) (DNA MTase HsallIA) (M.HsallIA)
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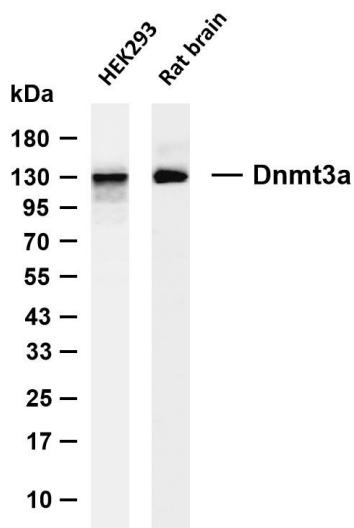
Organism	Gene ID	UniProt ID
Human	1788	Q9Y6K1
Mouse		O88508
Rat		Q1LZ53

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

Validation Data



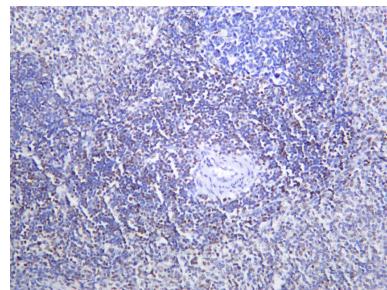
Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Dnmt3a antibody. The HRP conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody.

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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