

Dnmt1 Rabbit mAb (AR1325)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	183kD (Calculated) 183kD (Observed)

Recommended Dilution Ratios

IHC:	1:1000-4000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

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	DNMT1 AIM CXXC9 DNMT
Protein Name	DNA (cytosine-5)-methyltransferase 1 (Dnmt1) (EC 2.1.1.37) (CXXC-type zinc finger protein9) (DNA methyltransferase Hsa1) (DNA MTase Hsa1) (M.Hsa1) (MCMT)

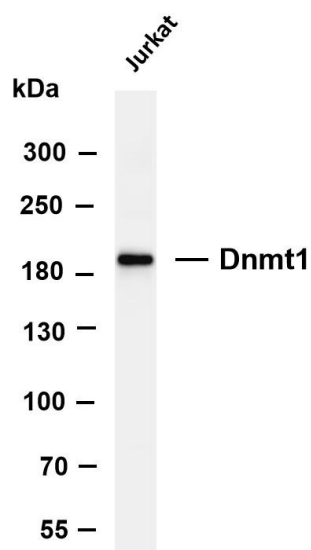
Organism	Gene ID	UniProt ID
Human	1786	P26358
Mouse		P13864
Rat		Q9Z330

Cellular Localization	Nucleus
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Tissue specificity

Ubiquitous; highly expressed in fetal tissues, heart, kidney, placenta, peripheral blood mononuclear cells, and expressed at lower levels in spleen, lung, brain, small intestine, colon, liver, and skeletal muscle. Isoform 2 is less expressed than isoform 1.

Validation Data

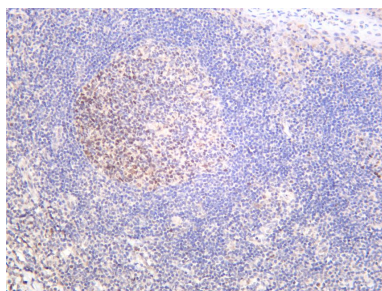


Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-Dnmt1 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

Lane 1: Jurkat

Predicted band size: 183kDa

Observed band size: 183kDa



Human tonsil was stained with anti-Dnmt1 rabbit antibody

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