

Anti-DNMT1 Antibody

Catalog #	Source	Reactivity	Applications
CQA3083	Rabbit	H, M, R	WB, IF/IC, IP
Description	Rabbit polyclonal antibody to DNMT1		
Immunogen	Recombinant full length protein of human DNMT1		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of DNMT1 protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IF/IC (1/50 - 1/200), IP (1/50 - 1/100)		
Gene Symbol	DNMT1		
Alternative Names	AIM; CXXC9; DNMT; DNA (cytosine-5)-methyltransferase 1; Dnmt1; CXXC-type zinc finger protein 9; DNA methyltransferase Hsal; DNA MTase Hsal; M.Hsal; MCMT		
Entrez Gene	1786 (Human); 13433 (Mouse)		
SwissProt	P26358 (Human); P13864 (Mouse); Q9Z330 (Rat)		
Storage/Stability	Shipped at 4° C. Upon delivery aliquot and store at -20° C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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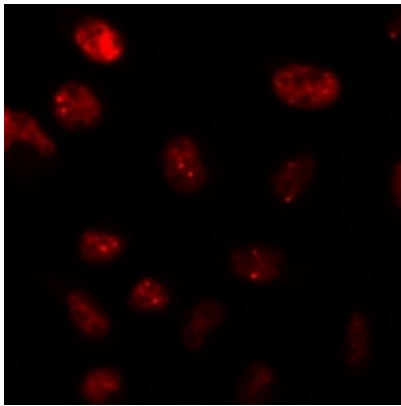
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Product Data Sheet



Western blot analysis of DNMT1 expression in SW480 (A) whole cell lysates. (Predicted band size: 144; 183; 184 kD; Observed band size: 200 kD)



Immunofluorescent analysis of DNMT1 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 ° C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

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