

## Anti-DNMT3α Rabbit pAb



WL06360

For Research Use Only. Not For Use In Diagnostic Procedures

## Product Information

<b>Product name</b>	Anti-DNMT3α Rabbit pAb	
<b>Source</b>	Rabbit	
<b>Species reactivity</b>	Human, Mouse, Rat, Cow	
<b>Tested applications</b>	WB	1:500-1:1000
	IHC	1:200
	IF	1:200

**Cellular localization** Nucleus. Cytoplasm

**Pack size** 50/100/200/500/1000μl

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

**Storage buffer** Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide

## General Information

**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.

**Immunogen** Polyclonal antibody is produced by immunizing animals with a synthetic peptide of DNMT3α.

**Purification** Polyclonal antibody was purified by immunogen affinity chromatography.

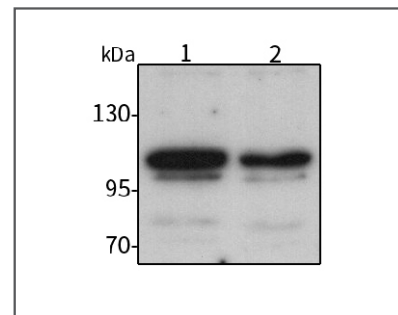
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## Product Images



## Western blot-Anti-DNMT3α pAb

**Lane 1:** Human Hela cell lysate

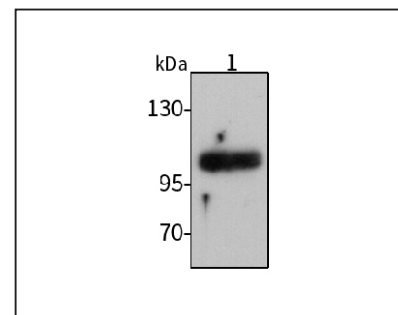
**Lane 2:** Human HEK-293 cell lysate

**All lanes:** Anti-DNMT3α at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 102 kDa

Observed band size: 102-130 kDa



## Western blot-Anti-DNMT3α pAb

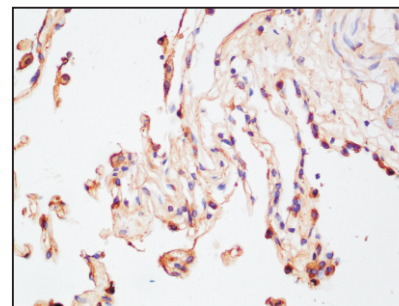
**Lane 1:** Mouse heart tissue lysate

**All lanes:** Anti-DNMT3α at 1:1000 dilution

Lysates/proteins at 20-50 μg per lane.

Predicted band size: 102 kDa

Observed band size: 102-130 kDa



## Immunohistochemistry-Anti-DNMT3α pAb

Immunohistochemical analysis of paraffin-embedded human lung cancer using anti-DNMT3α Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

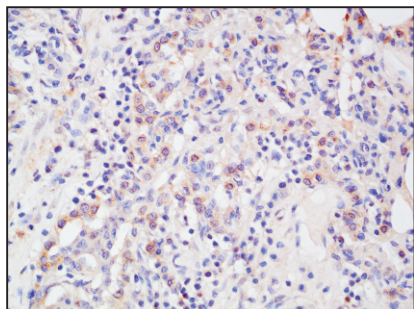
## Anti-DNMT3 $\alpha$ Rabbit pAb



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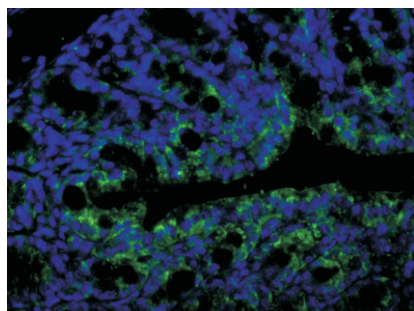
### Product Information



#### Immunohistochemistry-Anti-DNMT3 $\alpha$ pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-DNMT3 $\alpha$  Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunofluorescence-Anti-DNMT3 $\alpha$ pAb

Immunofluorescence analysis of paraffin-embedded mouse colon using anti-DNMT3 $\alpha$  Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0