

## Summary

<b>Production Name</b>	KMT4 Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC-P
<b>Reactivity</b>	Human,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	DOT1L
<b>Alternative Names</b>	DOT 1; DOT1L; KMT4; Histone methyltransferase DOT1L; H3 lysine-79 specific
<b>Gene ID</b>	84444
<b>SwissProt ID</b>	Q8TEK3

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IHC: 1/50-1/100
<b>Molecular Weight</b>	Calculated MW: 165 kDa; Observed MW: 185 kDa

## Background

**Product Name: KMT4 Rabbit Monoclonal Antibody**  
**Catalog #: AMRe03810**

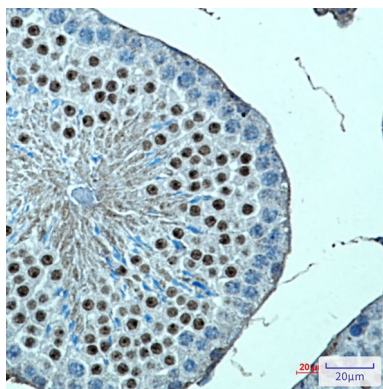


Histone methyltransferase. Methylates 'Lys-79' of histone H3. Nucleosomes are preferred as substrate compared to free histones. Binds to DNA.

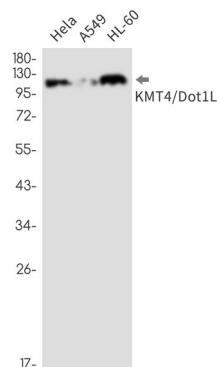
**Research Area**

Epigenetics and Nuclear Signaling

**Image Data**



Immunohistochemistry analysis of paraffin-embedded mouse testis using KMT4 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of KMT4/Dot1L in HeLa, A549, HL-60 lysates using KMT4/Dot1L antibody.

**Note**

For research use only.