

# KMT4 / Dot1L Antibody

Rabbit mAb

Catalog # AP90348

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q8TEK3</a>
<b>Reactivity</b>	Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Other Names</b>	DOT 1; DOT1L; KMT4; Histone methyltransferase DOT1L; H3 lysine-79 specific;
<b>Isotype</b>	Rabbit IgG
<b>Host</b>	Rabbit
<b>Calculated MW</b>	164856

## Additional Information

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<b>Dilution</b>	WB 1:500~1:3000
<b>Purification</b>	Affinity-chromatography
<b>Immunogen</b>	A synthesized peptide derived from human KMT4 / Dot1L
<b>Description</b>	Histone methyltransferase. Methylates 'Lys-79' of histone H3. Nucleosomes are preferred as substrate compared to free histones. Binds to DNA.
<b>Storage Condition and Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

## Protein Information

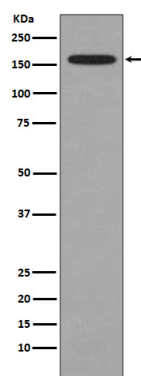
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<b>Name</b>	DOT1L ( <a href="#">HGNC:24948</a> )
<b>Synonyms</b>	KIAA1814, KMT4
<b>Function</b>	Histone methyltransferase. Methylates 'Lys-79' of histone H3. Nucleosomes are preferred as substrate compared to free histones (PubMed: <a href="#">12123582</a> ). Binds to DNA (PubMed: <a href="#">12628190</a> ).
<b>Cellular Location</b>	Nucleus.

## Images

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Western blot analysis of KMT4/Dot1L expression in RAW264.7 cell lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.