

KMT4 / Dot1L Antibody
Rabbit mAb
Catalog # AP90348**Specification****KMT4 / Dot1L Antibody - Product Information**

Application	WB
Primary Accession	Q8TEK3
Clonality	Monoclonal
Other Names	
DOT 1; DOT1L; KMT4; Histone methyltransferase DOT1L; H3 lysine-79 specific;	

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	164856 Da

KMT4 / Dot1L Antibody - Additional Information

Dilution	WB~~1:1000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human KMT4 / Dot1L
Description	Histone methyltransferase. Methylates 'Lys-79' of histone H3. Nucleosomes are preferred as substrate compared to free histones. Binds to DNA.
Storage Condition and Buffer	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.

KMT4 / Dot1L Antibody - Protein Information**Name** DOT1L ([HGNC:24948](#))**Synonyms** KIAA1814, KMT4**Function**

Histone methyltransferase. Methylates 'Lys-79' of histone H3. Nucleosomes are preferred as substrate compared to free histones (PubMed:[12123582](http://www.uniprot.org/citations/12123582)). Binds to DNA (PubMed:[12628190](http://www.uniprot.org/citations/12628190)).

Cellular Location

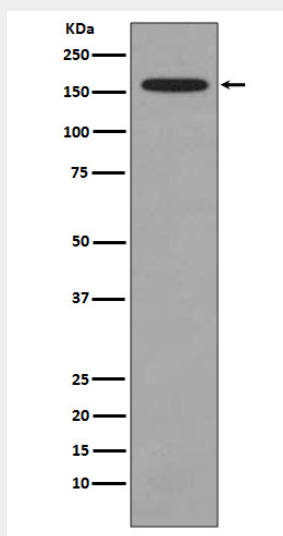
Nucleus.

KMT4 / Dot1L Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

KMT4 / Dot1L Antibody - Images



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