

Anti-KMT4 / Dot1L Rabbit Monoclonal Antibody
Catalog # ABO14118**Specification****Anti-KMT4 / Dot1L Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	Q8TEK3
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-KMT4 / Dot1L Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse.

Anti-KMT4 / Dot1L Rabbit Monoclonal Antibody - Additional Information

Gene ID 84444

Other Names

Histone-lysine N-methyltransferase, H3 lysine-79 specific, 2.1.1.360, DOT1-like protein, Histone H3-K79 methyltransferase, H3-K79-HMTase, Lysine N-methyltransferase 4, DOT1L (HGNC:24948), KIAA1814, KMT4

Calculated MW

184853 MW KDa

Application Details

WB 1:500-1:3000

Subcellular Localization

Nucleus.

Tissue Specificity

KMT4 / Dot1L Antibody detects endogenous levels of total KMT4 / Dot1L

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human KMT4 / Dot1L

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term

storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-KMT4 / Dot1L Rabbit Monoclonal 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). Binds to DNA (PubMed:12628190).

Cellular Location

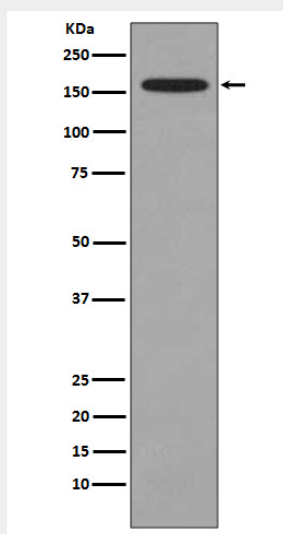
Nucleus.

Anti-KMT4 / Dot1L Rabbit Monoclonal 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](#)

Anti-KMT4 / Dot1L Rabbit Monoclonal Antibody - Images



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