A12329

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Dot1L/KMT4 Rabbit mAb

Catalog No.: A12329 Recombinant 4 Publications

Basic Information

Observed MW
170kDa

Calculated MW
165kDa

Category
Monoclonal Antibody

Applications
WB,IP,ELISA

Cross-Reactivity
Human,Mouse

Clone number
ARC0688

Background

The protein encoded by this gene is a histone methyltransferase that methylates lysine-79 of histone H3. It is inactive against free core histones, but shows significant histone methyltransferase activity against nucleosomes.

Recommended Dilutions

WB	1:500 - 1:1000
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
84444

Swiss Prot
Q8TEK3

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
DOT1; KMT4; Dot1L/KMT4

Product Information

Source
Rabbit

Isotype
IgG

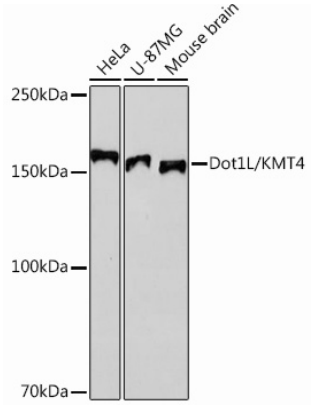
Purification
Affinity purification

Storage
Store at -20℃

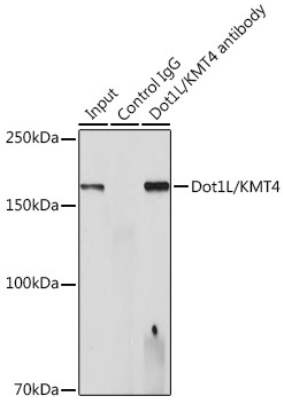
Contact

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Validation Data



Western blot analysis of various lysates using Dot1L/KMT4 Rabbit mAb (A12329) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Immunoprecipitation analysis of 300 µg extracts from HeLa cells using 3 µg Dot1L/KMT4 Rabbit mAb (A12329). Western blot was performed from the immunoprecipitate using Dot1L/KMT4 Rabbit mAb (A12329) at a dilution of 1:1000.