

M24012

JMJD2A Antibody

- 50ul
- 100 uL



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Description:

Histone demethylase that specifically demethylates 'Lys-9' and 'Lys-36' residues of histone H3, thereby playing a central role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27' nor H4 'Lys-20'. Demethylates trimethylated H3 'Lys-9' and H3 'Lys-36' residue, while it has no activity on mono- and dimethylated residues. Demethylation of Lys residue generates formaldehyde and succinate. Participates in transcriptional repression of ASCL2 and E2F-responsive promoters via the recruitment of histone deacetylases and NCOR1, respectively.

Uniprot:075164

Alternative Names:

JHDM3A; JmjC domain containing histone demethylation protein 3A; JmjC domain-containing histone demethylation protein 3A; JMJD2; JMJD2A; jumonji C domain containing histone demethylase 3A; Jumonji domain containing 2; Jumonji domain containing 2A; Jumonji domain containing protein 2A; Jumonji domain-containing protein 2A; KDM4A; KDM4A_HUMAN; KIAA0677; Lysine (K) specific demethylase 4A; Lysine-specific demethylase 4A; TDRD14A; Tudor domain containing 14A;

Reactivity:Human, Mouse, Rat

Source:Mouse

Mol Weight:117KD

Storage Condition: Store at -20 °C. Stable for 12 months from date of receipt.

Application:

WB 1:500-1:2000, IHC 1:50-1:200; IP 1:50-1:100