

Product Datasheet

KDM4A Antibody



Catalog No: CY8322

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC IP

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Information

UniProt ID: O75164

All Names: JHDM3A; JMJD2; JMJD2A; KDM4A; TDRD14A;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 150kDa

Application

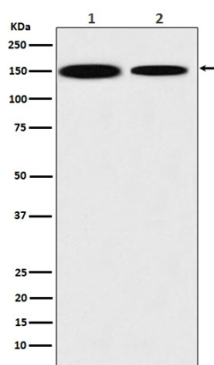
WB 1:500~1:2000

IHC 1:50~1:200

IP 1:60

Background

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.



Western blot analysis of KDM4A / JHDM3A / JMJD2A expression in (1) HEK293 cell lysate; (2) NIH3T3 cell lysate.

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