

KDM4A RABBIT MAB

Cat.#: N263630

Product Name: Anti-KDM4A Rabbit Monoclonal Antibody

Synonyms: KDM4A; JHDM3A; JMJD2; JMJD2A; KIAA0677; Lysine-specific demethylase 4A; JmjC domain-containing histone demethylation protein 3A; Jumonji domain-containing protein 2A

UNIPROT ID: O75164

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.

Immunogen: A synthesized peptide derived from human KDM4A / JHDM3A / JMJD2A

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R01-7F2

MW: Calculated MW: 121 kDa; Observed MW: 150 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

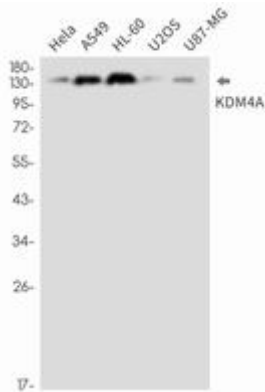
Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics/Histone methylation

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of KDM4A in HeLa, A549, HL-60, U2OS, U87-MG lysates using KDM4A antibody.