

## 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

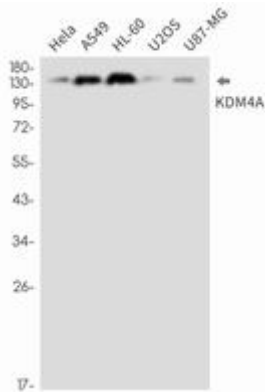
**Conjugation:** Unconjugated

**Modification:** Unmodified

**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), 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.