

KDM4A Antibody, HRP conjugated



PACO45963

Product Information

Size:

50ug

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:**Protein 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. 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.

Gene ID:

KDM4A

Uniprot

O75164

Synonyms:

Lysine-specific demethylase 4A (EC 1.14.11. -) (JmjC domain-containing histone demethylation protein 3A) (Jumonji domain-containing protein 2A), KDM4A, JHDM3A JMJD2 JMJD2A KIAA0677

Immunogen:

Recombinant Human Lysine-specific demethylase 4A protein (127-364AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images

N/A

N/A