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Anti-Human KDM4B Polyclonal Antibody

多克隆抗体

产品货号: PA08524

第三版

**描述:** JMJD2B (JmjC domain-containing histone demethylation protein 3A) is a 1,064 amino acid protein encoded by the human gene JMJD2B. JMJD2B belongs to the JMJD2B histone demethylase family and contains one JmjC domain, one JmjN domain, two PHD-type zinc fingers and two Tudor domains. The two Tudor domains recognize and bind methylated histones and have an interdigitated structure; the unusual fold is required for its ability to bind methylated histone tails. JMJD2B is a histone demethylase that specifically demethylates Lys 9 residues of Histone H3, thereby playing a role in histone code. It does not demethylate Histone H3 Lys 4, H3 Lys 27, H3 Lys 36 or H4 Lys 20, however, and is only able to demethylate trimethylated H3 Lys-9 and has weaker activity than JMJD2A, JMJD2C and JMJD2D. JMJD2B demethyl-ation of Lysine residues will generate formaldehyde and succinate. JMJD2B is a ubiquitously expressed nuclear protein.

**抗原:** Synthetic peptide of human KDM4B

**配方:**

**如何使用:** 加1ml超纯水重溶

**稳定性:** -20 ° C保存条件下，冻干粉,保质期为五年；液体，保质期为两年。

**稀释液:** PBS (pH7.4) ， 1% BSA

**应用:** WB 1 ~ 5 μ g/ml.

**特异性:**