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Anti-Human/Mouse/Rat KMT2A Polyclonal Antibody

多克隆抗体

产品货号: PA04804

第三版

描述:KMT2A (Lysine Methyltransferase 2A) is a Protein Coding gene. Diseases associated with KMT2A include Wiedemann-Steiner Syndrome and Acute Biphenotypic Leukemia. Among its related pathways are Circadian rhythm related genes and Lysine degradation. GO annotations related to this gene include transcription factor activity, sequence-specific DNA binding and identical protein binding. An important paralog of this gene is KMT2B. This gene encodes a transcriptional coactivator that plays an essential role in regulating gene expression during early development and hematopoiesis. The encoded protein contains multiple conserved functional domains. One of these domains, the SET domain, is responsible for its histone H3 lysine 4 (H3K4) methyltransferase activity which mediates chromatin modifications associated with epigenetic transcriptional activation. This protein is processed by the enzyme Taspase 1 into two fragments, MLL-C and MLL-N. These fragments reassociate and further assemble into different multiprotein complexes that regulate the transcription of specific target genes, including many of the HOX genes. Multiple chromosomal translocations involving this gene are the cause of certain acute lymphoid leukemias and acute myeloid leukemias. Alternate splicing results in multiple transcript variants.

抗原:Synthetic peptide from human protein

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:Heart, lung, brain and T- and B-lymphocytes.