

产品名称: MLL Rabbit Polyclonal Antibody
产品货号: APRab13959



产品概述 (Summary)

产品名称 (Production Name)	MLL Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	MLL ALL1 CXXC7 HRX HTRX KMT2A MLL1 TRX1 Histone-lysine N-methyltransferase MLL (EC 2.1.1.43;ALL-1;CXXC-type zinc finger protein 7;Lysine N-methyltransferase 2A;KMT2A;Trithorax-like protein;Zinc finger protein HRX) [Cleaved into: MLL cleavage product N320 (N-terminal cleavage product of 320 kDa;p320); MLL cleavage product C180 (C-terminal cleavage product of 180 kDa;p180)]
别名 (Alternative Names)	
基因 ID (Gene ID)	4297.0
蛋白 ID (SwissProt ID)	Q03164.Synthetic peptide from human protein at AA range: 3850-3900

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
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蛋白分子量 (Molecular Weight)

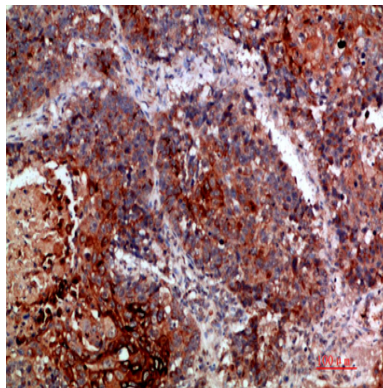
研究背景 (Background)

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.[provided by RefSeq] catalytic activity: S-adenosyl-L-methionine + histone L-lysine = S-adenosyl-L-homocysteine + histone N(6)-methyl-L-lysine., similarity: Contains 1 post-SET domain., similarity: Contains 1 SET domain.,

研究领域 (Research Area)

Apoptosis

图片 (Image Data)



Immunohistochemical analysis of paraffin-embedded human-lung-cancer, antibody was diluted at 1:200

注意事项 (Note)

For research use only .