

产品名称: SMYD3 Rabbit Monoclonal Antibody
产品货号: AMRe02617



产品概述 (Summary)

产品名称 (Production Name)	SMYD3 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,IP
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
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)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SMYD3
别名 (Alternative Names)	KMT3E; ZMYND1; ZNFN3A1; bA74P14.1
基因 ID (Gene ID)	64754
蛋白 ID (SwissProt ID)	Q9H7B4.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 49 kDa; Observed MW: 49 kDa

研究背景 (Background)

Histone methyltransferase. Specifically methylates 'Lys-4' of histone H3, inducing di- and tri-methylation, but not

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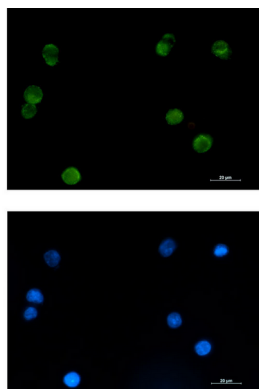


monomethylation. Plays an important role in transcriptional activation as a member of an RNA polymerase complex. Binds DNA containing 5'-CCCTCC-3' or 5'-GAGGGG-3' sequences.

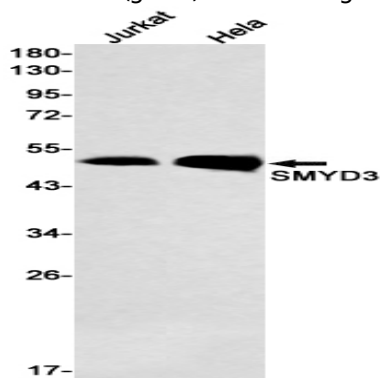
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

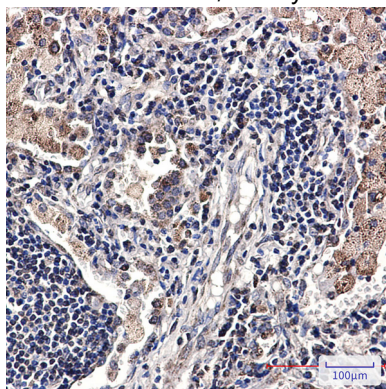
图片 (Image Data)



Immunocytochemistry analysis of SMYD3 (green) in K562 using SMYD3 antibody, and DAPI (blue).



Western blot analysis of SMYD3 in Jurkat, HeLa lysates using SMYD3 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using SMYD3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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注意事项 (Note)

For research use only .