

产品名称: KDM4B Rabbit Monoclonal Antibody
产品货号: AMRe02191



产品概述 (Summary)

产品名称 (Production Name)	KDM4B Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF
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)	KDM4B KDM4B; JHDM3B; JMJD2B; KIAA0876; Lysine-specific demethylase 4B; JmjC
别名 (Alternative Names)	domain-containing histone demethylation protein 3B; Jumonji domain-containing protein 2B
基因 ID (Gene ID)	23030
蛋白 ID (SwissProt ID)	O94953.

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
蛋白分子量 (Molecular Weight)	Calculated MW: 122 kDa; Observed MW: 150 kDa

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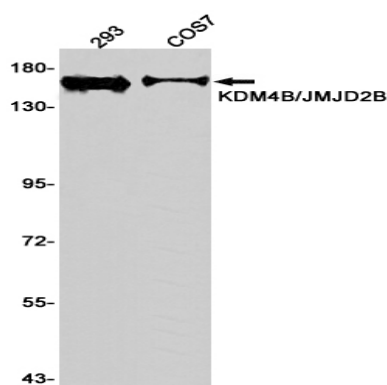
研究背景 (Background)

Histone demethylase that specifically demethylates 'Lys-9' of histone H3, thereby playing a role in histone code. Does not demethylate histone H3 'Lys-4', H3 'Lys-27', H3 'Lys-36' nor H4 'Lys-20'. Only able to demethylate trimethylated H3 'Lys-9', with a weaker activity than KDM4A, KDM4C and KDM4D. Demethylation of Lys residue generates formaldehyde and succinate.

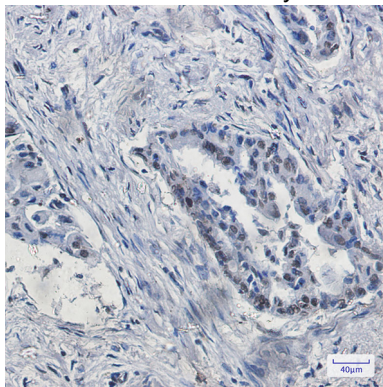
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)

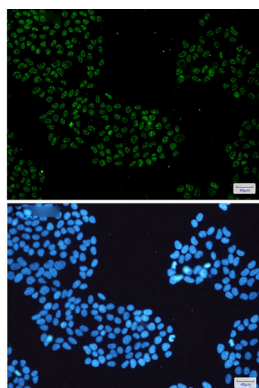


Western blot analysis of KDM4B in 293, COS7 lysates using KDM4B antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using KDM4B/JMJD2B antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunocytochemistry analysis of KDM4B/JMJD2B(green) in HeLa using KDM4B/JMJD2B antibody, and DAPI(blue)

注意事项 (Note)

For research use only .