

产品名称: KMT6 Rabbit Polyclonal Antibody
产品货号: APRab00134



产品概述 (Summary)

产品名称 (Production Name)	KMT6 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC
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)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
纯化方式 (Purification)	Affinity Chromatography

免疫原信息 (Immunogen)

基因名 (Gene Name)	EZH2
别名 (Alternative Names)	WVS; ENX1; KMT6; WVS2; ENX-1; EZH2b; KMT6A; EZH2
基因 ID (Gene ID)	2146
蛋白 ID (SwissProt ID)	Q15910.

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,FC 1:50-1:100
蛋白分子量 (Molecular Weight)	Calculated MW: 85 kDa; Observed MW: 98 kDa

研究背景 (Background)

Polycomb group (PcG) protein. Catalytic subunit of the PRC2/EED-EZH2 complex, which methylates 'Lys-9' and 'Lys-27' of

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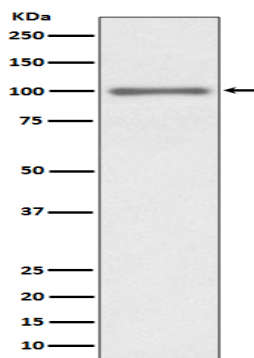


histone H3, leading to transcriptional repression of the affected target gene. Able to mono-, di- and trimethylate 'Lys-27' of histone H3 to form H3K27me1, H3K27me2 and H3K27me3, respectively. Compared to EZH2-containing complexes, it is more abundant in embryonic stem cells and plays a major role in forming H3K27me3, which is required for embryonic stem cell identity and proper differentiation.

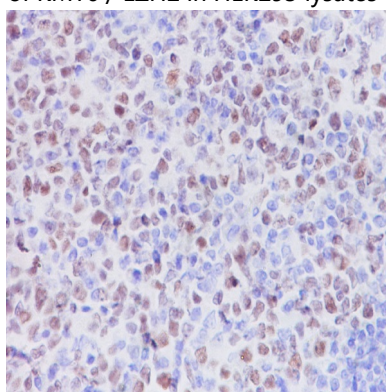
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)

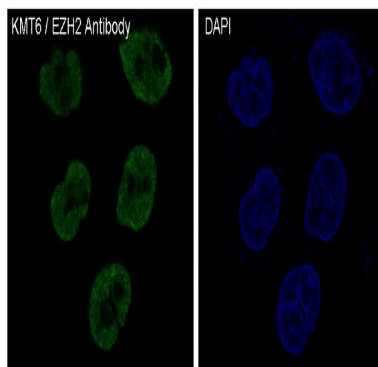


Western blot analysis of KMT6 / EZH2 in HEK293 lysates using KMT6 antibody.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using KMT6 / EZH2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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Immunofluorescence analysis of KMT6 in Hela using KMT6 / EZH2 antibody.

注意事项 (Note)

For research use only .