

产品名称: SATB1 Rabbit Monoclonal Antibody
产品货号: AMRe83694



产品概述 (Summary)

产品名称 (Production Name)	SATB1 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ICC,FC,IP
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)	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)	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SATB1
别名 (Alternative Names)	DNA binding protein SATB1; DNA-binding protein SATB1; SATB homeobox 1;;SATB1
基因 ID (Gene ID)	
蛋白 ID (SwissProt ID)	Q01826.A synthesized peptide derived from human SATB1

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100,IP 1:20-1:50
蛋白分子量 (Molecular Weight)	Calculated MW: 86 kDa ; Observed MW: 100 kDa

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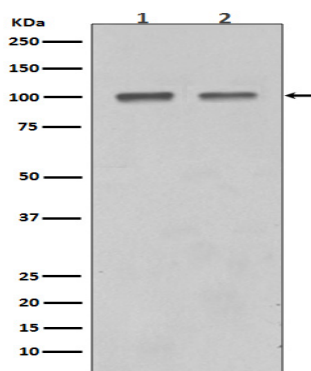


研究背景 (Background)

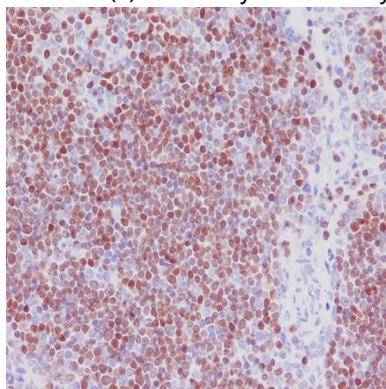
SATB1 is a crucial silencing factor contributing to the initiation of X inactivation mediated by Xist RNA that occurs during embryogenesis and in lymphoma. Binds to DNA at special AT-rich sequences, the consensus SATB1-binding sequence (CSBS), at nuclear matrix- or scaffold-associated regions. Thought to recognize the sugar-phosphate structure of double-stranded DNA. Transcriptional repressor controlling nuclear and viral gene expression in a phosphorylated and acetylated status-dependent manner, by binding to matrix attachment regions (MARs) of DNA and inducing a local chromatin-loop remodeling.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of SATB1 in (1) Mouse thymus tissue lysate; (2) Jurkat cell lysate.



Immunohistochemical analysis of paraffin-embedded human thymus, using SATB1 Antibody.

注意事项 (Note)

For research use only .