

产品名称: Histone H2A.X Rabbit Monoclonal Antibody
产品货号: AMRe03029



产品概述 (Summary)

产品名称 (Production Name)	Histone H2A.X 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)	H2AX
别名 (Alternative Names)	H2A.X; H2AFX; H2a/x; HIST5-2AX; Histone H2A.X
基因 ID (Gene ID)	3014
蛋白 ID (SwissProt ID)	P16104.

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: 15 kDa; Observed MW: 15 kDa

研究背景 (Background)

Variant histone H2A which replaces conventional H2A in a subset of nucleosomes. Nucleosomes wrap and compact DNA

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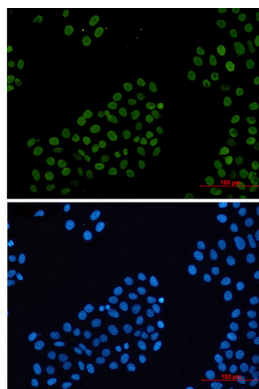


into chromatin, limiting DNA accessibility to the cellular machineries which require DNA as a template. Histones thereby play a central role in transcription regulation, DNA repair, DNA replication and chromosomal stability.

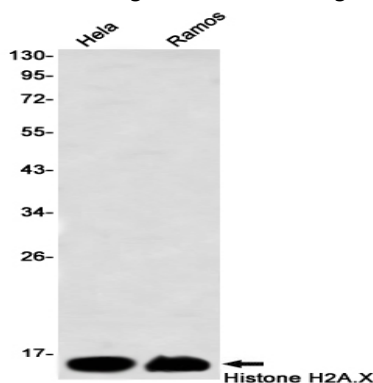
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

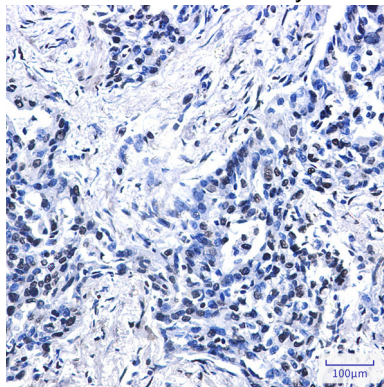
图片 (Image Data)



Immunocytochemistry analysis of Histone H2A.X (green) in HeLa using Histone H2A.X antibody, and DAPI (blue).



Western blot analysis of Histone H2A.X in HeLa, Ramos lysates using Histone H2A.X antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer tissue using Histone H2A.X 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 .