

产品名称: HP1 alpha (1E8) Mouse Monoclonal Antibody
产品货号: AMM03609



产品概述 (Summary)

产品名称 (Production Name)	HP1 alpha (1E8) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG1
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CBX5
别名 (Alternative Names)	CBX5; HP1A; Chromobox protein homolog 5; Antigen p25; Heterochromatin protein 1 homolog alpha; HP1 alpha
基因 ID (Gene ID)	23468
蛋白 ID (SwissProt ID)	P45973.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100
蛋白分子量 (Molecular Weight)	Calculated MW: 22 kDa; Observed MW: 22 kDa

研究背景 (Background)

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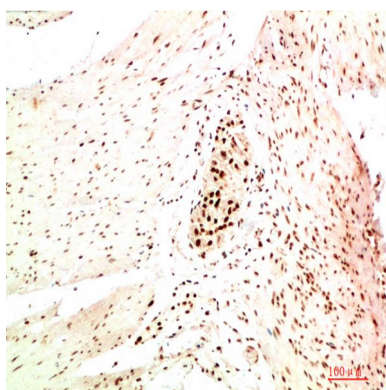


Component of heterochromatin that recognizes and binds histone H3 tails methylated at 'Lys-9' (H3K9me), leading to epigenetic repression. In contrast, it is excluded from chromatin when 'Tyr-41' of histone H3 is phosphorylated (H3Y41ph). Can interact with lamin-B receptor (LBR). This interaction can contribute to the association of the heterochromatin with the inner nuclear membrane. Involved in the formation of functional kinetochore through interaction with MIS12 complex proteins.

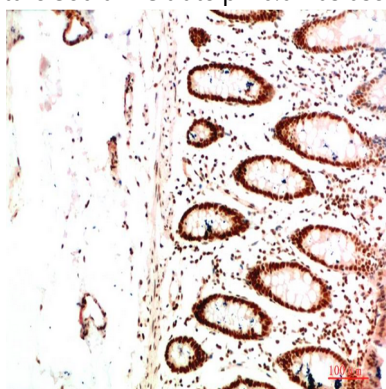
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)

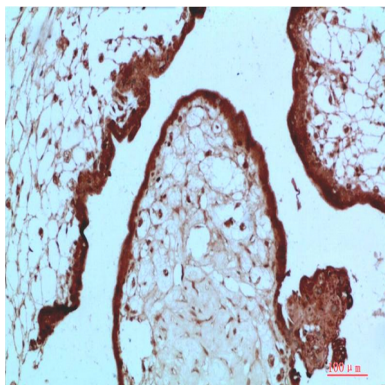


Immunohistochemistry analysis of paraffin-embedded Human Colon Carcinoma Tissue using HP1 alpha (1E8) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

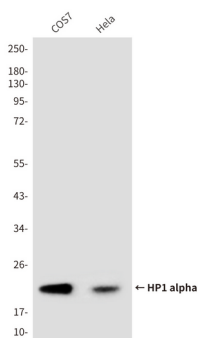


Immunohistochemical analysis of paraffin-embedded Human tonsils using HP1 alpha (1E8) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

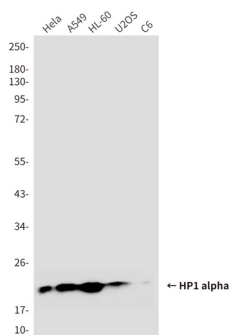
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Immunohistochemistry analysis of paraffin-embedded Human Placenta Tissue using HP1 alpha (1E8) antibody High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of HP1 alpha (1E8) in COS7, HeLa lysates using HP1 alpha (1E8) antibody.



Western blot analysis of HP1 α in HeLa, A549, HL-60, U2OS, C6 lysates using HP1 alpha (1E8) antibody

注意事项 (Note)

For research use only .