

产品名称: HP1 gamma (5G10) Mouse Monoclonal Antibody
产品货号: AMM03640



产品概述 (Summary)

产品名称 (Production Name)	HP1 gamma (5G10) Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC/IF,IP
种属反应性 (Reactivity)	Mouse,Human,Monkey,Hamster,Rat

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)	CBX3
别名 (Alternative Names)	CBX3; Chromobox protein homolog 3; HECH; Heterochromatin protein 1 homolog gamma; HP1 gamma; Modifier 2 protein
基因 ID (Gene ID)	11335
蛋白 ID (SwissProt ID)	Q13185.

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: 21 kDa; Observed MW: 21 kDa

研究背景 (Background)

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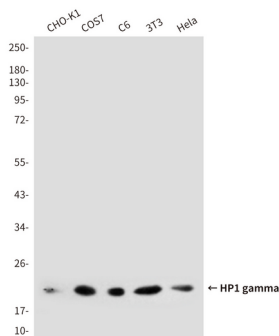


Recognizes and binds histone H3 tails methylated at 'Lys-9', leading to epigenetic repression. May contribute to the association of the heterochromatin with the inner nuclear membrane through its interaction with lamin B receptor (LBR). Involved in the formation of functional kinetochore through interaction with MIS12 complex proteins.

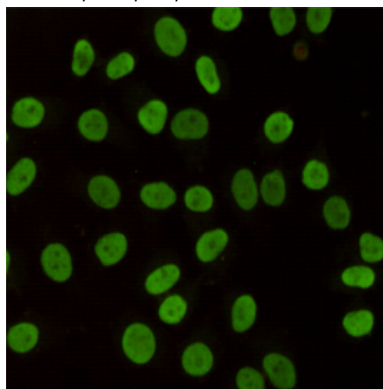
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

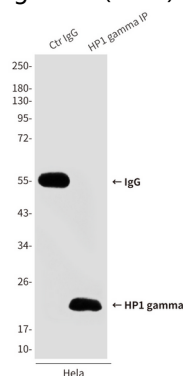
图片 (Image Data)



Western blot analysis of HP1 gamma in HeLa, 3T3, C6, COS7 and CHO-K1 lysates using HP1 gamma antibody.

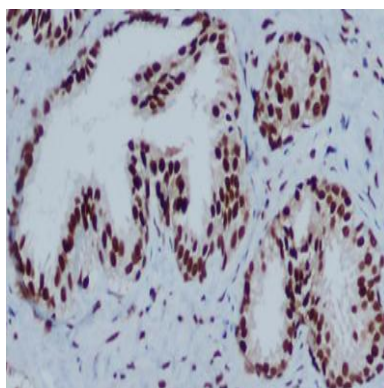


Immunocytochemistry analysis of HP1 gamma (5G10) in HeLa using HP1 gamma antibody.

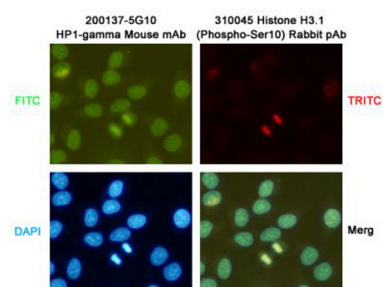


Immunoprecipitation analysis of HP1 gamma (5G10) in HeLa lysates using HP1 gamma antibody.

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Immunohistochemistry analysis of paraffin-embedded Prostate Cancer using HP1 gamma antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of HP1 gamma in HeLa using HP1 gamma (200137-5G10) antibody (green) and Histone H3.1 (Phospho-Ser10) (310045) antibody (red). DAPI (blue).

注意事项 (Note)

For research use only .