

产品名称: Histone H1 (phospho Thr17) Rabbit Polyclonal Antibody
产品货号: APRab04773



产品概述 (Summary)

产品名称 (Production Name)	Histone H1 (phospho Thr17) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Monkey

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	HIST1H1B
别名 (Alternative Names)	HIST1H1B; H1F5; Histone H1.5; Histone H1a; Histone H1b; Histone H1s-3; HIST1H1D; H1F3; Histone H1.3; Histone H1c; Histone H1s-2; HIST1H1E; H1F4; Histone H1.4; Histone H1b; Histone H1s-4
基因 ID (Gene ID)	3009/3007/3008
蛋白 ID (SwissProt ID)	P16401/P16402/P10412.The antiserum was produced against synthesized peptide derived from human Histone H1 around the phosphorylation site of Thr17. AA range:1-50

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稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	31kDa

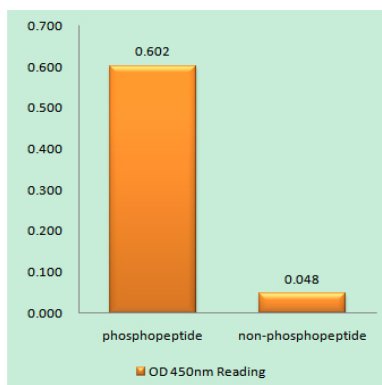
研究背景 (Background)

Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the small histone gene cluster on chromosome 6p22-p21.3. [provided by RefSeq, Aug 2015],function:Histones H1 are necessary for the condensation of nucleosome chains into higher order structures.,similarity:Belongs to the histone H1/H5 family.,

研究领域 (Research Area)

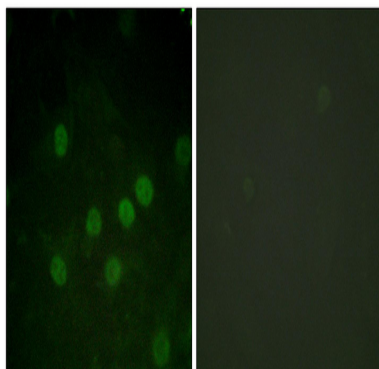
Protein_Acetylation

图片 (Image Data)

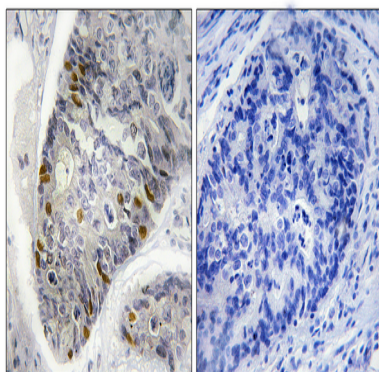


Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right) , using Histone H1 (Phospho-Thr17) Antibody

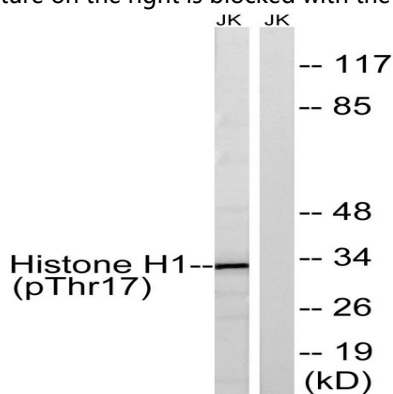
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Immunofluorescence analysis of HUVEC cells treated with serum 20% 30', using Histone H1 (Phospho-Thr17) Antibody. The picture on the right is blocked with the phospho peptide.

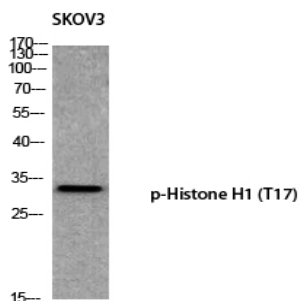


Immunohistochemistry analysis of paraffin-embedded human colon carcinoma, using Histone H1 (Phospho-Thr17) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from Jurkat cells treated with UV 15', using Histone H1 (Phospho-Thr17) Antibody. The lane on the right is blocked with the phospho peptide.

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Western blot analysis of SKOV3 using p-Histone H1 (T17) antibody. Antibody was diluted at 1:1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

注意事项 (Note)

For research use only .