

产品名称: Acetyl-Histone H3 (Lys27) Rabbit Monoclonal Antibody
产品货号: AMRe87610



产品概述 (Summary)

产品名称 (Production Name)	Acetyl-Histone H3 (Lys27) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,FC
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Acetylated
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	Acetyl-Histone H3
别名 (Alternative Names)	H3/j; H3C1; H3C2; H3C3; H3C4; H3C6; H3C7; H3C8; H3FJ; H3C10; H3C11; HIST1H3J
基因 ID (Gene ID)	8356
蛋白 ID (SwissProt ID)	P68431.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:5000-1:50000,IHC 1:1000-1:10000,ICC/IF 1:500-1:5000,FC 1:200-1:1000
蛋白分子量 (Molecular Weight)	Calculated MW:15 kDa; Observed MW:17 kDa

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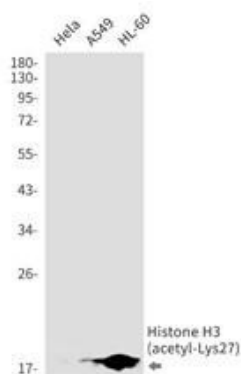


研究背景 (Background)

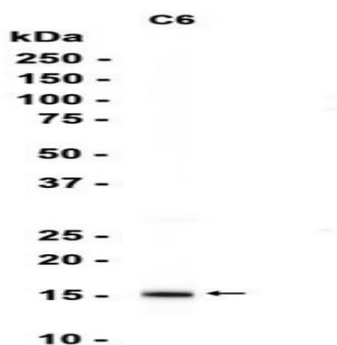
Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. 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 H3 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]

研究领域 (Research Area)

图片 (Image Data)

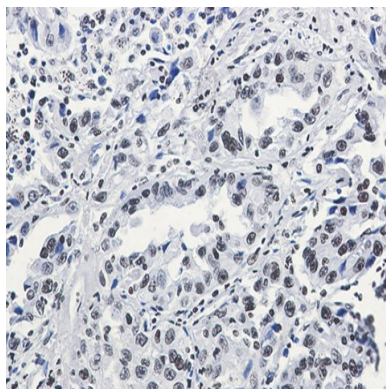


Western blot detection of Histone H3 (acetyl-Lys27) in HeLa,A549,HL-60 cell lysates using Histone H3 (acetyl-Lys27) antibody(1:1000 diluted).

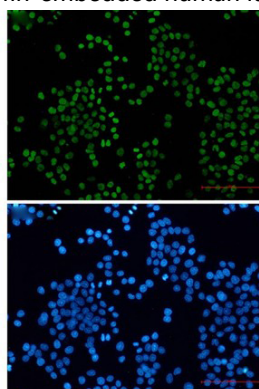


Western blot analysis of extracts from C6 cells using AMRe87610 at 1:1000.

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Immunohistochemical analysis of paraffin-embedded human lung cancer using AMRe87610 antibody.



Immunofluorescent analysis of HeLa cells using AMRe87610 antibody (green), and DAPI (blue).

注意事项 (Note)

For research use only .