

产品名称: Acetyl Lys proteins Rabbit Polyclonal Antibody
产品货号: APRab04163



产品概述 (Summary)

产品名称 (Production Name)	Acetyl Lys proteins 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,Rat,Monkey,plant

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Acetylated
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)	
别名 (Alternative Names)	
基因 ID (Gene ID)	
蛋白 ID (SwissProt ID)	.Synthesized acetyl-peptide derived from human acetylation Lys proteins.

产品应用 (Application)

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)	20,40,80,175kDa

研究背景 (Background)

Acetylation of lysine, like phosphorylation of serine, threonine or tyrosine, is an important reversible modification

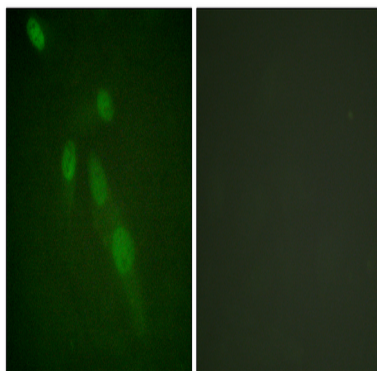
产品名称: Acetyl Lys proteins Rabbit Polyclonal Antibody
产品货号: APRab04163



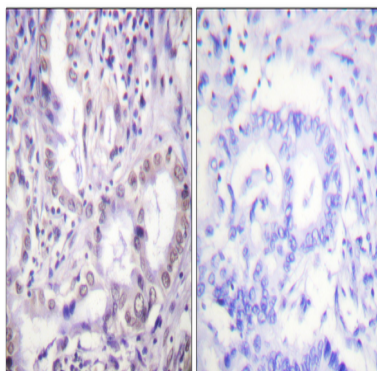
controlling protein activity. The conserved amino-terminal domains of the four core histones (H2A, H2B, H3, and H4) contain lysines that are acetylated by histone acetyltransferases (HATs) and deacetylated by histone deacetylases (HDACs). Signaling resulting in acetylation/deacetylation of histones, transcription factors, and other proteins affects a diverse array of cellular processes including chromatin structure and gene activity, cell growth, differentiation, and apoptosis. Recent proteomic surveys suggest that acetylation of lysine residues may be a widespread and important form of posttranslational protein modification that affects thousands of proteins involved in control of cell cycle and metabolism, longevity, actin polymerization, and nuclear transport. The regulation of protein acetylation status is impaired in cancer and polyglutamine diseases, and HDACs have become promising targets for anti-cancer drugs currently in development.

研究领域 (Research Area)

图片 (Image Data)

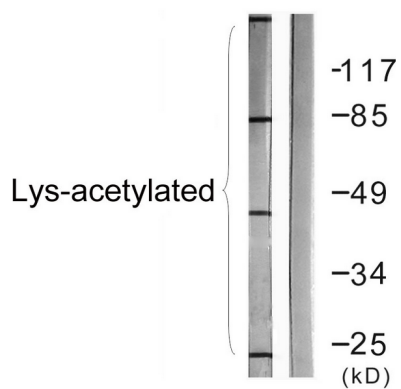


Immunofluorescence analysis of HeLa cells, using Lys-Acetylated Proteins Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using Lys-Acetylated Proteins Antibody. The picture on the right is blocked with the synthesized peptide.

产品名称: Acetyl Lys proteins Rabbit Polyclonal Antibody
产品货号: APRab04163



Western blot analysis of lysates from COS7 cells treated with TSA 400uM 24h, using Lys-Acetylated Proteins Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .