

产品名称: Histone 1.0 Rabbit Polyclonal Antibody

产品货号: APRab12045

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	WB,IHC,ICC/IF,ELISA
种属反应(Reactivity)	Human,Rat,Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
分子量(Molecular Weight)	28kDa

抗原信息(Antigen Information)

基因名(Gene Name)	H1F0
别名(Alternative Names)	H1F0; H1FV; Histone H1.0; Histone H1'; Histone H1(0)
基因 ID(Gene ID)	3005.0
SwissProt ID	P07305
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human Histone 1F0. AA range:71-120

研究背景 (Background)

Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the

four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-independent histone that is a member of the histone H1 family. [provided by RefSeq, Oct 2015],function:Histones H1 are necessary for the condensation of nucleosome chains into higher order structures. The H1F0 histones are found in cells that are in terminal stages of differentiation or that have low rates of cell division.,induction:Both the unedited and the RNA edited versions are induced by butyrate (at protein level). Only RNA edited version is induced by DTT, vinblastine or TNF (at protein level),online information:Histone H1 entry,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR. Phosphorylated on Ser-17 in RNA edited version.,RNA editing:Partially edited. In approximately 3.6% of the mRNA molecules, a new initiator methionine is created by a single uridine insertion in the 5'-UTR, causing an N-terminal extension of 99 amino acids. The existence of the RNA edited version is supported by direct protein sequencing by MS/MS of the following peptides specific to that version: 12-21; 22-33; 37-47; 48-67; 68-83; 84-94 and 97-113. The RNA edited version is called ET-H1.0.,similarity:Belongs to the histone H1/H5 family.,subcellular location:The RNA edited version has been localized to nuclear speckles. During mitosis, it appears in the vicinity of condensed chromosomes.,

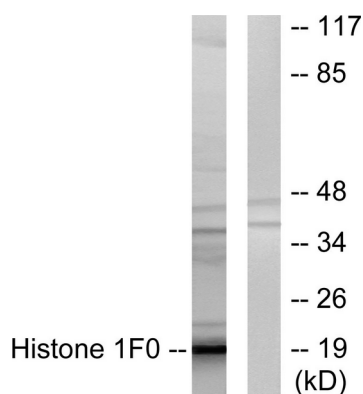
研究领域 (Research Area)

Protein_Acetylation

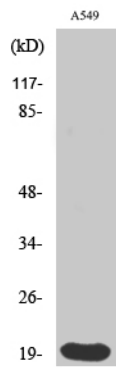
注意事项 (Note)

For research use only.

图片 (Image Data)



Western blot analysis of lysates from A549 cells, using Histone 1F0 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Histone 1.0 Polyclonal Antibody diluted at 1: 2000

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产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

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