

产品名称: Histone deacetylase 6 Rabbit Polyclonal Antibody
产品货号: AP Rab12048

产品概述 (Summary)

产品名称 (Production Name)	Histone deacetylase 6 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

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
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)	HDAC6
别名 (Alternative Names)	HDAC6; KIAA0901; JM21; Histone deacetylase 6; HD6
基因 ID (Gene ID)	10013.0
蛋白 ID (SwissProt ID)	Q9UBN7.The antiserum was produced against synthesized peptide derived from human HDAC6. AA range:1166-1215

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	135kDa

研究背景 (Background)

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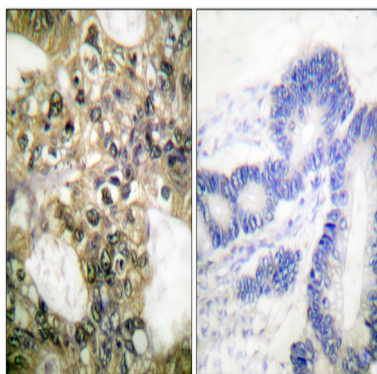


Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene belongs to class II of the histone deacetylase/acuc/apha family. It contains an internal duplication of two catalytic domains which appear to function independently of each other. This protein possesses histone deacetylase activity and represses transcription. [provided by RefSeq, Jul 2008], catalytic activity: Hydrolysis of an N(6)-acetyl-lysine residue of a histone to yield a deacetylated histone., function: Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes (By similarity). Plays a central role in microtubule-dependent cell motility via deacetylation of tubulin., PTM: Sumoylated in vitro., PTM: Ubiquitinated. Its polyubiquitination however does not lead to its degradation., similarity: Belongs to the histone deacetylase family. Type 2 subfamily., similarity: Contains 1 UBP-type zinc finger., subcellular location: It is mainly cytoplasmic, where it is associated with microtubules., subunit: Interacts with CBFA2T3, HDAC11 and SIRT2. Interacts with F-actin. Interacts with BBIP10.,

研究领域 (Research Area)

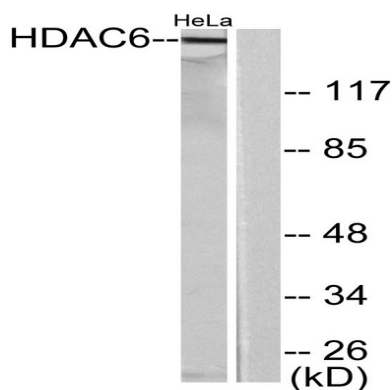
Protein_Acetylation

图片 (Image Data)

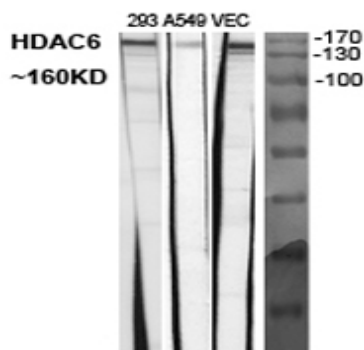


Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using HDAC6 Antibody. The picture on the right is blocked with the synthesized peptide.

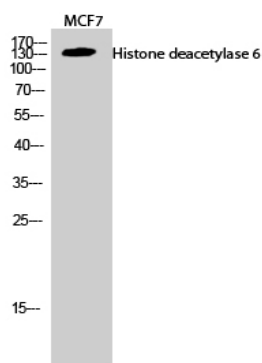
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Western blot analysis of lysates from HeLa cells, using HDAC6 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Histone deacetylase 6 Polyclonal Antibody diluted at 1: 2000



Western Blot analysis of MCF7 cells using Histone deacetylase 6 Polyclonal Antibody diluted at 1: 2000

注意事项 (Note)

For research use only .