

产品名称: HAT1 Rabbit Polyclonal Antibody
产品货号: APRab11902



产品概述 (Summary)

产品名称 (Production Name)	HAT1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

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)	HAT1
别名 (Alternative Names)	HAT1; KAT1; Histone acetyltransferase type B catalytic subunit; Histone acetyltransferase 1
基因 ID (Gene ID)	8520.0
蛋白 ID (SwissProt ID)	O14929.The antiserum was produced against synthesized peptide derived from human HAT. AA range:331-380

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	49kDa

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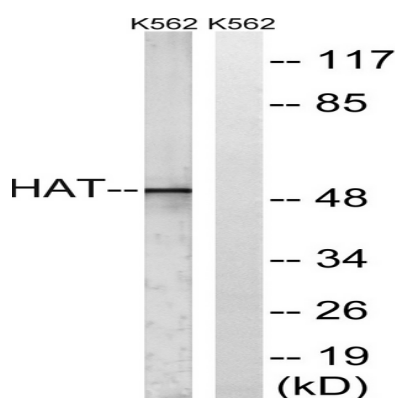
研究背景 (Background)

The protein encoded by this gene is a type B histone acetyltransferase (HAT) that is involved in the rapid acetylation of newly synthesized cytoplasmic histones, which are in turn imported into the nucleus for de novo deposition onto nascent DNA chains. Histone acetylation, particularly of histone H4, plays an important role in replication-dependent chromatin assembly. Specifically, this HAT can acetylate soluble but not nucleosomal histone H4 at lysines 5 and 12, and to a lesser degree, histone H2A at lysine 5. Alternatively spliced transcript variants have been identified for this gene. [provided by RefSeq, Jun 2009], catalytic activity: Acetyl-CoA + histone = CoA + acetylhistone, function: May play a role in telomeric silencing. Acetylates soluble but not nucleosomal H4 at 'Lys-5' and 'Lys-12' and acetylates histone H2A at 'Lys-5'. HAT1 has intrinsic substrate specificity that modifies lysine in recognition sequence GXGKXG, online information: Histone acetyltransferase entry, similarity: Belongs to the HAT1 family, subcellular location: Nuclear in S-phase cells and cytoplasmic, subunit: Heteromer of HAT1 and p46/HAT2 subunits,

研究领域 (Research Area)

Protein_Acetylation

图片 (Image Data)



Western blot analysis of lysates from K562 cells, using HAT Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .