

组蛋白乙酰转移酶 PCAF 抗体

产品货号： mlR5130

英文名称： KAT2B

中文名称： 组蛋白乙酰转移酶 PCAF 抗体

别名： GCN5; PCAF; CAF; CREBBP associated factor; GCN5; GCN5L; GCN5L1 antibody Histone acetylase PCAF; Histone acetyltransferase KAT2B; Histone acetyltransferase PCAF; K(lysine) acetyltransferase 2B; KAT2B; KAT2B_HUMAN; Lysine acetyltransferase 2B; P antibody P/CAF; p300/CBP associated factor; P300/CBP-associated factor; Pcaf.

研究领域： 免疫学 信号转导 细胞周期蛋白 转录调节因子

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Horse,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 Flow-Cyt=1ug/Test IF=1:100-500 (石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分 子 量 : 92kDa

细胞定位 : 细胞核 细胞浆

性 状 : Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human KAT2B:451-550/832

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

产品介绍 background:

Functions as a histone acetyltransferase (HAT) to promote transcriptional activation. Has significant histone acetyltransferase activity with core histones (H3 and H4), and also with nucleosome core particles. Inhibits cell-cycle progression and counteracts the mitogenic activity of the adenoviral oncoprotein E1A. In case of HIV-1 infection, it is recruited by the viral protein Tat. Regulates Tat's transactivating activity and may help inducing chromatin remodeling of proviral genes.

Function:

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Subunit:

Interacts with SIRT1. Interacts (unsumoylated form) with NR2C1; the interaction promotes transactivation activity (By similarity). Interacts with EP300, CREBBP and DDX17. Interacts with NCOA1 and NCOA3. Component of a large chromatin remodeling complex, at least composed of MYSM1, KAT2B/PCAF, RBM10 and KIF11/TRIP5. Interacts with NR2C2 (hypophosphorylated and unsumoylated form); the interaction promotes the transactivation activity of NR2C2. Binds to HTLV-1 Tax. Interacts with and acetylates HIV-1 Tat. Interacts with KLF1; the interaction does not acetylate KLF1 and there is no enhancement of its transactivational activity. Interacts with NFE4. Interacts with MECOM. Interacts with E2F1; the interaction acetylates E2F1 augmenting its DNA-binding and transcriptional activity.

Subcellular Location:

Nucleus.

Tissue Specificity:

Ubiquitously expressed but most abundant in heart and skeletal muscle.

Similarity:

Belongs to the GCN5 family.

Contains 1 bromo domain.

Contains 1 N-acetyltransferase domain.

SWISS:

Q92831

Gene ID:

8850

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

