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SUPT6H Rabbit pAb

货号: **AYP17635**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF/ICC IP
推荐浓度	WB: 1:500 - 1:2000 IF/ICC: 1:50 - 1:200 IP: 1:100 - 1:500
理论分子量	61kDa/84kDa/199kDa
实测分子量	260kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	U-87MG,Jurkat,HeLa,Mouse brain,Mouse heart,Mouse liver
细胞定位	Nucleus
纯化	Affinity purification

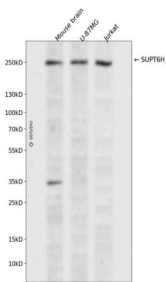
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1500-1726 of human SUPT6H (NP_003161.2).
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靶点信息

研究背景	Transcription elongation factor which binds histone H3 and plays a key role in the regulation of transcripti on elongation and mRNA processing. Enhances the transcription elongation by RNA polymerase II (RNAPII and is also required for the efficient activation of transcriptional elongation by the HIV-1 nuclear transcrip tional activator, Tat. Besides chaperoning histones in transcription, acts to transport and splice mRNA by f orming a complex with IWS1 and the C-terminal domain (CTD of the RNAPII subunit RPB1 (POLR2A. The S UPT6H:IWS1:CTD complex recruits mRNA export factors (ALYREF/THOC4, EXOSC10 as well as histone mo difying enzymes (such as SETD2, to ensure proper mRNA splicing, efficient mRNA export and elongation-c oupled H3K36 methylation, a signature chromatin mark of active transcription. SUPT6H via its association with SETD1A, regulates both class-switch recombination and somatic hypermutation through formation of H3K4me3 epigenetic marks on activation-induced cytidine deaminase (AICDA target loci. Promotes the ac tivation of the myogenic gene program by entailing erasure of the repressive H3K27me3 epigenetic mark through stabilization of the chromatin interaction of the H3K27 demethylase KDM6A.
基因ID	6830
基因名	SUPT6H
Swiss	Q7KZ85 (https://www.uniprot.org/uniprotkb/Q7KZ85/entry)
别名	SUPT6H,SPT6,SPT6H,emb-5,SPT6 homolog,SUPT6H Rabbit pAb,Histone chaperone suppressor of Ty6,Tat-c otransactivator 2 protein,KIAA0162

产品验证



Western blot analysis of SUPT6H expressed in Mouse brain,U-87MG,Jurkat using SUPT6H Rabbit pAb at 1:1 000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blo cking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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