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Cdk9 Rabbit mAb

货号: AYM30441

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC IP
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50
理论分子量	42kDa/53kDa
实测分子量	43kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,293T,MCF7,NIH/3T3,C6
细胞定位	Cytoplasm,Nucleus,PML body
纯化	Affinity purification

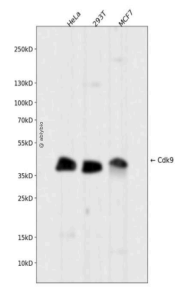
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Cdk9.

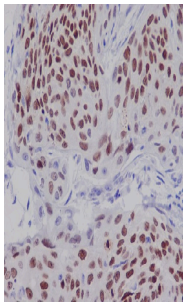
靶点信息

研究背景	The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of S. cerevisiae cdc28, and S. pombe cdc2, and known as important cell cycle regulators. This kinase was found to be a component of the multiprotein complex TAK/P-TEFb, which is an elongation factor for RNA polymerase II-directed transcription and functions by phosphorylating the C-terminal domain of the largest subunit of RNA polymerase II. This protein forms a complex with and is regulated by its regulatory subunit cyclin T or cyclin K. HIV-1 Tat protein was found to interact with this protein and cyclin T, which suggested a possible involvement of this protein in AIDS.
基因ID	1025
基因名	CDK9
Swiss	P50750 (https://www.uniprot.org/uniprotkb/P50750/entry)
别名	Cdk9,Cdk9 Rabbit mAb,C-2K,Cell division cycle 2-like protein kinase 4,Cell division protein kinase 9,Serine/threonine-protein kinase PITALRE,Tat-associated kinase complex catalytic subunit,CDC2L4,TAK

产品验证



Western blot analysis of Cdk9 expressed in HeLa,293T,MCF7 using Cdk9 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human cervix cancer, using CDK9 Antibody.

实验步骤

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