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Phospho-CDK9-T186 Rabbit pAb

货号: AYP12905

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Human fibrosarcoma cells , HeLa cells , Mus musculus
应用	WB
推荐浓度	**WB:** 1:500 - 1:1000
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 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	NIH/3T3
细胞定位	Cytoplasm,Nucleus,PML body
纯化	Affinity purification

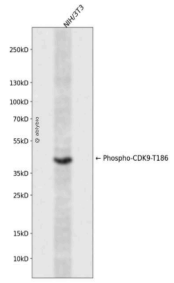
抗原信息

抗原信息	A synthetic phosphorylated peptide around T186 of human CDK9 (NP_001252.1).

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,C-2k,CDC2L4,CTK1,PITALRE,TAK,Phospho-CDK9-T186 Rabbit pAb,Cell division cycle 2-like protein kinase 4,Cell division protein kinase 9,Serine/threonine-protein kinase PITALRE,Tat-associated kinase complex catalytic subunit

产品验证



Western blot analysis of Phospho-CDK9-T186 expressed in NIH/3T3 using Phospho-CDK9-T186 Rabbit pAb 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.

实验步骤

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