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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°C. 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

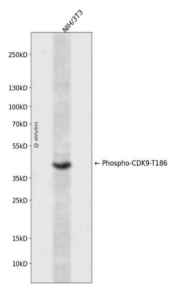
抗原信息

抗原信息	A synthetic phosphorylated peptide around T186 of human CDK9 (NP_001252.1).
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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 <i>S. cerevisiae</i> cdc28, and <i>S. pombe</i> 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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