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Phospho-CDK4-T172 Rabbit pAb

货号: AYP11283

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Homo sapiens , Mus musculus , Capra hircus
应用	WB IHC ICC
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC 1:100-1:500, IHC 1:50-1:200:**
理论分子量	20kDa/33kDa
实测分子量	33KDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	NIH/3T3
细胞定位	Cytoplasm,Membrane,Nucleus
纯化	Affinity purification

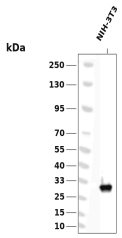
抗原信息

抗原信息	A synthetic phosphorylated peptide around T172 of human CDK4 (NP_000066.1).

靶点信息

研究背景	The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is highly similar to the gene products of S. cerevisiae cdc28 and S. pombe cdc2. It is a catalytic subunit of the prot ein kinase complex that is important for cell cycle G1 phase progression. The activity of this kinase is rest ricted to the G1-S phase, which is controlled by the regulatory subunits D-type cyclins and CDK inhibitor p16(INK4a). This kinase was shown to be responsible for the phosphorylation of retinoblastoma gene pro duct (Rb). Mutations in this gene as well as in its related proteins including D-type cyclins, p16(INK4a) an d Rb were all found to be associated with tumorigenesis of a variety of cancers. Multiple polyadenylation sites of this gene have been reported.
基因ID	1019
基因名	CDK4
Swiss	P11802 (https://www.uniprot.org/uniprotkb/P11802/entry)
别名	CDK4,CMM3,PSK-J3,Phospho-CDK4-T172 Rabbit pAb,Cell division protein kinase 4

产品验证



Western blot analysis of Phospho-CDK4-T172 expressed in NIH/3T3 using Phospho-CDK4-T172 Rabbit pAb at 1:500. 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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