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Phospho-CDK1-Y15 Rabbit pAb

货号: AYP11121

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** H460,A549 , HeLa , Homo sapiens , Mus musculus , Eriocheir sinensis **IF:** Mus musculus , Homo sapiens **IP:** Homo sapiens
应用	WB IHC IF/ICC IP
推荐浓度	**WB:** 1:500 - 1:1000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:50 - 1:100
理论分子量	27kDa/34kDa
实测分子量	34kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HT-29,HeLa,NIH/3T3,C6
细胞定位	Cytoplasm,Mitochondrion,Nucleus,centrosome,cytoskeleton,microtubule organizing center,spindle
纯化	Affinity purification

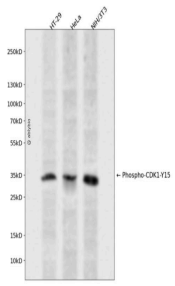
抗原信息

抗原信息	A synthetic phosphorylated peptide around Y15 of human CDK1 (NP_001777.1).

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 a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
基因ID	983
基因名	CDK1
Swiss	P06493 (https://www.uniprot.org/uniprotkb/P06493/entry)
别名	CDK1,CDC2,CDC28A,P34CDC2,Phospho-CDK1-Y15 Rabbit pAb,Cell division control protein 2 homolog,Cell division protein kinase 1,p34 protein kinase,CDKN1

产品验证



Western blot analysis of Phospho-CDK1-Y15 expressed in HT-29,HeLa,NIH/3T3 using Phospho-CDK1-Y15 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30 ug 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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