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Phospho-CDK1-T161 Rabbit pAb

货号: AYP11527

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Homo sapiens , Sus scrofa **IP:** Homo sapiens
应用	WB IHC ICC/IF
推荐浓度	**WB:** 1:100 - 1:500 **IHC:** 1:50 - 1:200 **IF:** 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	HeLa
细胞定位	Cytoplasm,Mitochondrion,Nucleus,centrosome,cytoskeleton,microtubule organizing center,spindle
纯化	Affinity purification

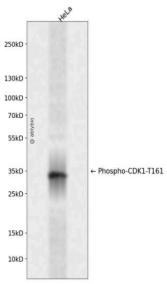
抗原信息

抗原信息	A synthetic phosphorylated peptide around T161 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 catal ytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), w hich is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associ ate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled b y 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 var iants 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-T161 Rabbit pAb,Cell division control protein 2 homolog,Cel l division protein kinase 1,p34 protein kinase,CDKN1

产品验证



Western blot analysis of Phospho-CDK1-T161 expressed in HeLa using Phospho-CDK1-T161 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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