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PLK3 Rabbit pAb

货号: **AYP15907**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:1000
理论分子量	71kDa
实测分子量	72KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HeLa,Mouse large intestine,Rat brain
细胞定位	Cytoplasm,Golgi apparatus,Nucleus,centrosome,cytoskeleton,microtubule organizing center,nucleolus
纯化	Affinity purification

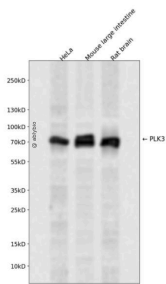
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 487-646 of human PLK3 (NP_004064.2).
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靶点信息

研究背景	The protein encoded by this gene is a member of the highly conserved polo-like kinase family of serine/threonine kinases. Members of this family are characterized by an amino-terminal kinase domain and a carboxy-terminal bipartite polo box domain that functions as a substrate-binding motif and a cellular localization signal. Polo-like kinases are important regulators of cell cycle progression. This gene has also been implicated in stress responses and double-strand break repair. In human cell lines, this protein is reported to associate with centrosomes in a microtubule-dependent manner, and during mitosis, the protein becomes localized to the mitotic apparatus. Expression of a kinase-defective mutant results in abnormal cell morphology caused by changes in microtubule dynamics and mitotic arrest followed by apoptosis.
基因ID	1263
基因名	PLK3
Swiss	Q9H4B4 (https://www.uniprot.org/uniprotkb/Q9H4B4/entry)
别名	PLK3,CNK,FNK,PLK-3,PRK,PLK3 Rabbit pAb,Cytokine-inducible serine/threonine-protein kinase,FGF-inducible kinase,Polo-like kinase 3,Proliferation-related kinase

产品验证



Western blot analysis of PLK3 expressed in HeLa, Mouse large intestine, Rat brain using PLK3 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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