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CDKN1A Rabbit pAb

货号: **AYP22865**

产品信息

反应	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	17kDa
实测分子量	21KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse large intestine,Mouse spleen,Rat heart
细胞定位	cytoplasm,cytosol,nuclear body,nucleolus,nucleoplasm,nucleus,perinuclear region of cytoplasm
纯化	Affinity purification

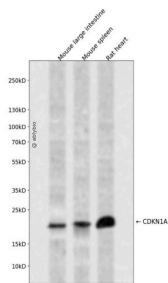
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-159 of mouse CDKN1A (NP_031695.1).
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靶点信息

研究背景	This gene encodes a potent cyclin-dependent kinase inhibitor. The encoded protein binds to and inhibits the activity of cyclin-cyclin-dependent kinase2 or cyclin-dependent kinase4 complexes, and thus functions as a regulator of cell cycle progression at the G1 phase. The expression of this gene is tightly controlled by the tumor suppressor protein p53, through which this protein mediates the p53-dependent cell cycle G1 phase arrest in response to a variety of stress stimuli. This protein can interact with proliferating cell nuclear antigen, a DNA polymerase accessory factor, and plays a regulatory role in S phase DNA replication and DNA damage repair. This protein was reported to be specifically cleaved by CASP3-like caspases, which thus leads to a dramatic activation of cyclin-dependent kinase2, and may be instrumental in the execution of apoptosis following caspase activation. Mice that lack this gene have the ability to regenerate damaged or missing tissue. Alternative splicing results in multiple transcript variants.
基因ID	12575
基因名	Cdkn1a
Swiss	P39689 (https://www.uniprot.org/uniprotkb/P39689/entry)
别名	CI,P2,SD,CAP,CDK,P21,Waf,mda,CDKI,CIP1,Cdkn,SDI1,Waf1,mda6,p21C,p21W,CAP20,Cdkn1,p21WAF,p21Cip1,CDKN1A Rabbit pAb,Cdkn1a,CDK-interacting protein 1,Melanoma differentiation-associated protein

产品验证



Western blot analysis of CDKN1A expressed in Mouse large intestine, Mouse spleen, Rat heart using CDKN1A 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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