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p21 (YD14466) Rabbit mAb

货号: AYD12889

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB: 1:1000-1:3000:**
理论分子量	18kDa
实测分子量	21 kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	MCF7,Mouse large intestine,Mouse testis,Rat lung
细胞定位	Cytoplasm, Nucleus
纯化	亲和纯化

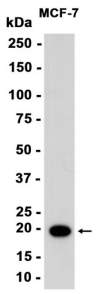
抗原信息

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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 G1. 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. Multiple alternatively spliced variants have been found for this gene.
基因ID	1026
基因名	CDKN1A
Swiss	P38936 (https://www.uniprot.org/uniprotkb/P38936/entry)
别名	p21 (YD14466),p21 (YD14466) Rabbit mAb,CDKN1A,CDK-interacting protein 1,Melanoma differentiation-associated protein 6,p21,CAP20,CDKN1,CIP1,MDA6,PIC1,SDI1,WAF1

产品验证



Western blot analysis of extracts from MCF-7 cells using AYD12889 at 1:1000.

实验步骤

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