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PPP1CA Rabbit pAb

货号: AYP12606

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	**WB:** Mus musculus , Homo sapiens
应用	WB IF/ICC
推荐浓度	**WB:** 1:500 - 1:1000 **IF/ICC:** 1:50 - 1:200
理论分子量	32kDa/37kDa/38kDa
实测分子量	38KDa
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	MCF7,HeLa,NIH/3T3,C6
细胞定位	Cytoplasm,Nucleus,nucleolus,nucleoplasm
纯化	Affinity purification

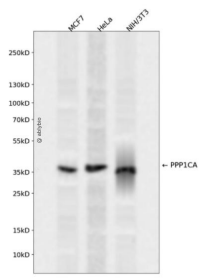
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-330 of human PPP1CA (NP_002699.1).
序列	MSDSEKLNLDSIIGRLLEVQGSRPGKNVQLTENEIRGLCLKSREIFLSQPILLELEAPLKICGDIHGQYYDLLRLFEYGGFPPESNYLFLGDYVDRGKQSLETICLLLAYKIKYPENFFLLRGNHECASINRIYGFYDECKRRYNIKLWKTFTDCFNCLPIAAIVDEKIFCCHGGLSPDLQSMEQIRRIMRPTDVPDQGLLCDLLWSDPDKDVQGWGENDRGVSFTFGAEVVAKFLHKHDLDLICRAHQVVEDGYEFFAKRQLVTLFSAPNYCGEFDNAGAMMSVDETLMCSFQILKPADKNKGKYGQFSGLNPGGRPITPPRNSAKAKK

靶点信息

研究背景	The protein encoded by this gene is one of the three catalytic subunits of protein phosphatase 1 (PP1). PP 1 is a serine/threonine specific protein phosphatase known to be involved in the regulation of a variety of cellular processes, such as cell division, glycogen metabolism, muscle contractility, protein synthesis, and HIV-1 viral transcription. Increased PP1 activity has been observed in the end stage of heart failure. Studi es in both human and mice suggest that PP1 is an important regulator of cardiac function. Mouse studies also suggest that PP1 functions as a suppressor of learning and memory. Three alternatively spliced trans cript variants encoding different isoforms have been found for this gene.
基因**ID**	5499
基因名	PPP1CA
Swiss	P62136
别名	PPP1CA;PP-1A;PP1A;PP1alpha;PPP1A

产品验证



Western blot analysis of PPP1CA expressed in MCF7,HeLa,NIH/3T3 using PPP1CA 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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