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PPM1F Rabbit pAb

货号: **AYP18482**

产品信息

反应	Human
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	38kDa/49kDa
实测分子量	55kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
偶联物	Unconjugated
阳性对照	MCF7, HeLa, HepG2, K-562
细胞定位	cytosol, nucleus, perinuclear region of cytoplasm
纯化	Affinity purification

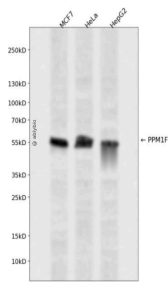
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human PPM1F (NP_055449.1).
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靶点信息

研究背景	The protein encoded by this gene is a member of the PP2C family of Ser/Thr protein phosphatases. PP2C family members are known to be negative regulators of cell stress response pathways. This phosphatase can interact with Rho guanine nucleotide exchange factors (PIX), and thus block the effects of p21-activated kinase 1 (PAK), a protein kinase mediating biological effects downstream of Rho GTPases. Calcium/calmodulin-dependent protein kinase II gamma (CAMK2G/CAMK-II) is found to be one of the substrates of this phosphatase. The overexpression of this phosphatase or CAMK2G has been shown to mediate caspase-dependent apoptosis. An alternatively spliced transcript variant has been identified, but its full-length nature has not been determined.
基因ID	9647
基因名	PPM1F
Swiss	P49593 (https://www.uniprot.org/uniprotkb/P49593/entry)
别名	PPM1F,CAMKP,CaMKPase,FEM-2,POPX2,hFEM-2,PPM1F Rabbit pAb,Ca(2+)/calmodulin-dependent protein kinase phosphatase,Partner of PIX 2,Protein fem-2 homolog,KIAA0015

产品验证



Western blot analysis of PPM1F expressed in MCF7, HeLa, HepG2 using PPM1F 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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