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MYBPC3 Rabbit pAb

货号: **AYP19746**

产品信息

反应	Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
理论分子量	140kDa
实测分子量	170kDa
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	Rat heart
细胞定位	A band,C zone,cardiac myofibril,cytosol,sarcomere,striated muscle myosin thick filament
纯化	Affinity purification

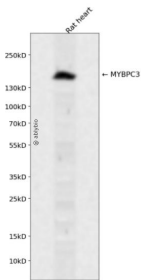
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 200-400 of human MYBPC3 (NP_000247.2).
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靶点信息

研究背景	MYBPC3 encodes the cardiac isoform of myosin-binding protein C. Myosin-binding protein C is a myosin-associated protein found in the cross-bridge-bearing zone (C region) of A bands in striated muscle. MYBPC3, the cardiac isoform, is expressed exclusively in heart muscle. Regulatory phosphorylation of the cardiac isoform in vivo by cAMP-dependent protein kinase (PKA) upon adrenergic stimulation may be linked to modulation of cardiac contraction. Mutations in MYBPC3 are one cause of familial hypertrophic cardiomyopathy.
基因ID	4607
基因名	MYBPC3
Swiss	Q14896 (https://www.uniprot.org/uniprotkb/Q14896/entry)
别名	MYBPC3,CMD1MM,CMH4,FHC,LVNC10,MYBP-C,cardiac,MYBPC3 Rabbit pAb,C-protein,cardiac muscle isoform

产品验证



Western blot analysis of MYBPC3 expressed in Rat heart using MYBPC3 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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