

MYBPC3 Rabbit pAb

货号: AYP19746

产品信息

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| 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

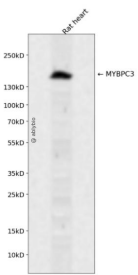
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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 200-400 of human MYBPC3 (NP_000247.2). |
| 序列 | SSKVGQHLQLHDSYDRASKVYLFELHITDAQPAFTGSYRCEVSTKDKFDCSNFNLTVHEAMGTGDLDLLSAFRRTSLAG GGRRISDSHEDTGILDFSSLLKKRDSFRTPRDSKLEAPAEEDVWEILRQAPPSEYERIAFYGVTDLRGMLKRLKGMRRDE KKSTAFQKKLEPAYQVSKGHKIRLTVELADHDAEVKWLKNG |

靶点信息

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| 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. |
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| 基因ID | 4607 |
| 基因名 | MYBPC3 |
| Swiss | Q14896 |
| 别名 | MYBPC3;CMD1MM;CMH4;FHC;LVNC10;MYBP-C;cardiac |

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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