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Slow Skeletal Myosin Heavy chain (YD20082) Rabbit mAb

货号: AYD12818

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	IHC-P
推荐浓度	
理论分子量	223kDa
实测分子量	
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	Mouse heart
细胞定位	Cytoplasm, myofibril, sarcomere
纯化	亲和纯化

抗原信息

抗原信息	

靶点信息

研究背景	Muscle myosin is a hexameric protein containing 2 heavy chain subunits, 2 alkali light chain subunits, and 2 regulatory light chain subunits. This gene encodes the beta (or slow) heavy chain subunit of cardiac myosin. It is expressed predominantly in normal human ventricle. It is also expressed in skeletal muscle tissues rich in slow-twitch type I muscle fibers. Changes in the relative abundance of this protein and the alpha (or fast) heavy subunit of cardiac myosin correlate with the contractile velocity of cardiac muscle. Its expression is also altered during thyroid hormone depletion and hemodynamic overloading. Mutations in this gene are associated with familial hypertrophic cardiomyopathy, myosin storage myopathy, dilated cardiomyopathy, and Laing early-onset distal myopathy.
基因ID	4625
基因名	MYH7
Swiss	P12883 (https://www.uniprot.org/uniprotkb/P12883/entry)
别名	Slow Skeletal Myosin Heavy chain (YD20082),Slow Skeletal Myosin Heavy chain (YD20082) Rabbit mAb,MYH7,Myosin heavy chain 7,Myosin heavy chain slow isoform,Myosin heavy chain,cardiac muscle beta isoform,MYHCB

产品验证

实验步骤

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