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ATP2A1 (YD32862) Mouse mAb

货号: **AYD21751**

产品信息

反应	Human, Mouse
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC
推荐浓度	
理论分子量	110kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	C2C12
细胞定位	Endoplasmic reticulum membrane, Sarcoplasmic reticulum membrane
纯化	亲和纯化

抗原信息

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靶点信息

研究背景	This gene encodes one of the SERCA Ca(2+)-ATPases, which are intracellular pumps located in the sarcoplasmic or endoplasmic reticula of muscle cells. This enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen, and is involved in muscular excitation and contraction. Mutations in this gene cause some autosomal recessive forms of Brody disease, characterized by increasing impairment of muscular relaxation during exercise. Alternative splicing results in three transcript variants encoding different isoforms.
基因ID	487
基因名	ATP2A1
Swiss	O14983 (https://www.uniprot.org/uniprotkb/O14983/entry)
别名	ATP2A1 (YD32862),ATP2A1 (YD32862) Mouse mAb,ATP2A1,Calcium pump 1,Calcium-transporting ATPase sarcoplasmic reticulum type,fast twitch skeletal muscle isoform,Endoplasmic reticulum class 1/2 Ca(2+) ATPase

产品验证

实验步骤

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