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SERCA2 Rabbit mAb

货号: AAY1825

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF ELISA
推荐浓度	**IHC:** 1:100-1:800 **WB:** 1:1000-1:3000 **IF:** 1:100-1:800 **ELISA:** 1:5000-1:20000
理论分子量	115kD
实测分子量	140kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.827.
偶联物	Unconjugated
阳性对照	293T,NIH/3T3,Mouse heart,Rat heart
细胞定位	Endoplasmic reticulum membrane, Sarcoplasmic reticulum membrane
纯化	亲和纯化

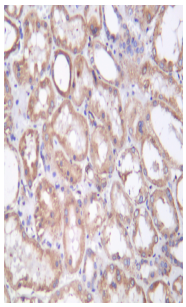
抗原信息

抗原信息	

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 into the sarcoplasmic reticulum lumen, and is involved in regulation of the contraction/relaxation cycle. Mutations in this gene cause Darier-White disease, also known as keratosis follicularis, an autosomal dominant skin disorder characterized by loss of adhesion between epidermal cells and abnormal keratinization. Alternative splicing results in multiple transcript variants encoding different isoforms.
基因ID	488
基因名	ATP2A2
Swiss	P16615 (https://www.uniprot.org/uniprotkb/P16615/entry)
别名	ATP2A2,Sarcoplasmic/endoplasmic reticulum calcium ATPase 2,ATP2B,SERCA2,SR Ca,2+,-ATPase 2,Calcium pump 2,Calcium-transporting ATPase sarcoplasmic reticulum type,slow twitch skeletal muscle isoform, Endoplasmic reticulum class 1/2 Ca,ATPase,slow twitch skeletal muscle isofo

产品验证



Human kidney was stained with anti-SERCA2 Rabbit antibody，1：300

实验步骤

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