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FXYD1 (YD20134) Rabbit mAb

货号: **AYD14357**

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC-P IP
推荐浓度	
理论分子量	10kDa
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	mouse brain,mouse heart,mouse liver,rat heart,rat brain
细胞定位	Cell membrane, sarcolemma, Apical cell membrane, Membrane, caveola, T-tubule
纯化	亲和纯化

抗原信息

抗原信息	
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靶点信息

研究背景	This gene encodes a member of a family of small membrane proteins that share a 35-amino acid signature sequence domain, beginning with the sequence PFX YD and containing 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FX YD-domain containing ion transport regulator. Mouse FX YD5 has been termed RIC (Related to Ion Channel). FX YD2, also known as the gamma subunit of the Na,K-ATPase, regulates the properties of that enzyme. FX YD1 (phospholemman), FX YD2 (gamma), FX YD3 (MAT-8), FX YD4 (CHIF), and FX YD5 (RIC) have been shown to induce channel activity in experimental expression systems. Transmembrane topology has been established for two family members (FX YD1 and FX YD2), with the N-terminus extracellular and the C-terminus on the cytoplasmic side of the membrane. The protein encoded by this gene is a plasma membrane substrate for several kinases, including protein kinase A, protein kinase C, NIMA kinase, and myotonic dystrophy kinase. It is thought to form an ion channel or regulate ion channel activity. Transcript variants with different 5' UTR sequences have been described in the literature.
基因ID	5348
基因名	FX YD1
Swiss	O00168 (https://www.uniprot.org/uniprotkb/O00168/entry)
别名	FX YD1 (YD20134),FX YD1 (YD20134) Rabbit mAb,FX YD1,FX YD domain-containing ion transport regulator 1,Sodium/potassium-transporting ATPase subunit FX YD1,PLM

产品验证

实验步骤

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