

— ABLYBIO, Help Your Research



# FXYD1/PLM (YD32505) Rabbit mAb

货号: **AYD13461**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB 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

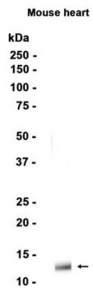
## 抗原信息

抗原信息	
------	--

## 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 PFXYD and containing 7 invariant and 6 highly conserved amino acids. The approved human gene nomenclature for the family is FXYD-domain containing ion transport regulator. Mouse FXYD5 has been termed RIC (Related to Ion Channel). FXYD2, also known as the gamma subunit of the Na,K-ATPase, regulates the properties of that enzyme. FXYD1 (phospholemman), FXYD2 (gamma), FXYD3 (MAT-8), FXYD4 (CHIF), and FXYD5 (RIC) have been shown to induce channel activity in experimental expression systems. Transmembrane topology has been established for two family members (FXYD1 and FXYD2), 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	FXYD1
Swiss	O00168 ( <a href="https://www.uniprot.org/uniprotkb/O00168/entry">https://www.uniprot.org/uniprotkb/O00168/entry</a> )
别名	FXYD1/PLM (YD32505),FXYD1/PLM (YD32505) Rabbit mAb,FXYD1,FXYD domain-containing ion transport regulator 1,Sodium/potassium-transporting ATPase subunit FXYD1,PLM

## 产品验证



## 实验步骤

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn/www.ablybio.cn>)