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# AQP1 Rabbit mAb

货号: **AYM30197**

## 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/ICC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	16kDa/19kDa/23kDa/28kDa
实测分子量	28kDa
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 liver,Mouse heart,Rat lung
细胞定位	Cell membrane,Multi-pass membrane protein
纯化	Affinity purification

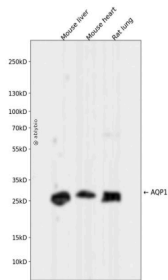
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human AQP1.
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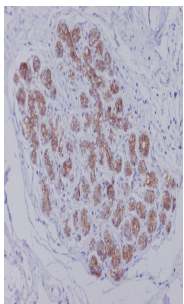
## 靶点信息

研究背景	Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). This gene encodes an aquaporin which functions as a molecular water channel protein. It is a homotetramer with 6 bilayer spanning domains and N-glycosylation sites. The protein physically resembles channel proteins and is abundant in erythrocytes and renal tubes. The gene encoding this aquaporin is a possible candidate for disorders involving imbalance in ocular fluid movement. Several transcript variants encoding different isoforms have been found for this gene.
基因ID	358
基因名	AQP1
Swiss	P29972 ( <a href="https://www.uniprot.org/uniprotkb/P29972/entry">https://www.uniprot.org/uniprotkb/P29972/entry</a> )
别名	AQP1,AQP1 Rabbit mAb,Aquaporin-CHIP,Channel-like integral membrane protein of 28 kDa,Urine water channel,CHIP28

## 产品验证



Western blot analysis of AQP1 expressed in Mouse liver, Mouse heart, Rat lung using AQP1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



Immunohistochemical analysis of paraffin-embedded human breast, using AQP1 Antibody.

## 实验步骤

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