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# COX1 Rabbit mAb

货号: **AYM30042**

## 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 IP FC  |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200<br><b>IP:</b> 1:20 - 1:50<br><b>FC:</b> 1:20 - 1:50 |
| 理论分子量 | 56kDa/61kDa/64kDa/68kDa/71kDa/72kDa  |
| 实测分子量 | 69kDa  |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.  |
| 偶联物   | Unconjugated   |
| 阳性对照  | HL-60,A-549,HT-29,THP-1,Mouse lung,Mouse liver,Mouse kidney,Rat brain  |
| 细胞定位  | Endoplasmic reticulum membrane,Microsome membrane,Peripheral membrane protein  |
| 纯化    | Affinity purification  |

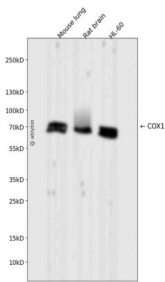
## 抗原信息

|      |   |
|------|---|
| 抗原信息 | Recombinant fusion protein corresponding to Human COX1. |
|------|---|

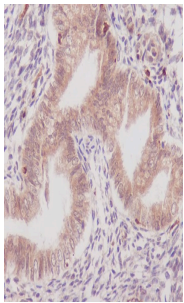
## 靶点信息

|       |  |
|-------|--|
| 研究背景  | This is one of two genes encoding similar enzymes that catalyze the conversion of arachinodate to prostaglandin. The encoded protein regulates angiogenesis in endothelial cells, and is inhibited by nonsteroidal anti-inflammatory drugs such as aspirin. Based on its ability to function as both a cyclooxygenase and as a peroxidase, the encoded protein has been identified as a moonlighting protein. The protein may promote cell proliferation during tumor progression. Alternative splicing results in multiple transcript variants. |
| 基因ID  | 5742   |
| 基因名   | PTGS1  |
| Swiss | P23219   |
| 别名    | COX1,COX1 Rabbit mAb,PTGS1,Cyclooxygenase-1,Prostaglandin H2 synthase 1,Prostaglandin-endoperoxide synthase 1  |

## 产品验证



Western blot analysis of COX1 expressed in Mouse lung,Rat brain,HL-60 using COX1 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 uterus, using COX1 Antibody.

## 实验步骤

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