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# MRP2/ABCC2 Rabbit pAb

**货号: AYP11533**

## 产品信息

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|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | **IF:** Homo sapiens<br>**WB:** Plutella xylostella , Mus musculus , Homo sapiens , Oryza sativa<br>**IHC:** Homo sapiens |
| 应用 | WB IF/ICC |
| 推荐浓度 | **WB:** 1:500 - 1:1000<br>**IF/ICC:** 1:50 - 1:200 |
| 理论分子量 | 174kDa |
| 实测分子量 | 200KDa-270KDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | HepG2,A549,Mouse lung,Rat lung,Rat kidney |
| 细胞定位 | Apical cell membrane,Multi-pass membrane protein |
| 纯化 | Affinity purification |

## 抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1470-1545 of human MRP2/ABCC2 (NP_000383.2). |

## 靶点信息

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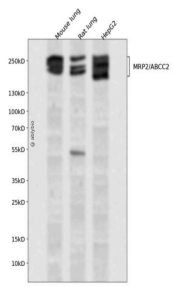
| 研究背景 | The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MRP subfamily which is involved in multi-drug resistance. This protein is expressed in the canalicular (apical) part of the hepatocyte and functions in biliary transport. Substrates include anticancer drugs such as vinblastine; therefore, this protein appears to contribute to drug resistance in mammalian cells. Several different mutations in this gene have been observed in patients with Dubin-Johnson syndrome (DJS), an autosomal recessive disorder characterized by conjugated hyperbilirubinemia. |
| 基因ID | 1244 |
| 基因名 | ABCC2 |
| Swiss | Q92887 (https://www.uniprot.org/uniprotkb/Q92887/entry) |
| 别名 | ABCC2,ABC30,CMOAT,DJS,MRP2,cMRP,MRP2/ABCC2 Rabbit pAb,Canalicular multidrug resistance protein,Canalicular multispecific organic anion transporter 1,Multidrug resistance-associated protein 2,CMOAT1 |

## 产品验证




Western blot analysis of MRP2/ABCC2 expressed in Mouse lung,Rat lung,HepG2 using MRP2/ABCC2 Rabbit pAb 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.

## 实验步骤

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