# Sterol carrier protein 2 Rabbit mAb

**货号: AYM29044**

## 产品信息

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| 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 | **WB:** 1:500 - 1:2000<br>**IHC:** 1:50 - 1:200<br>**IF/ICC:** 1:50 - 1:200 |
| 理论分子量 | 58kDa |
| 实测分子量 | 58kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | 293T,HepG2,U-87MG,Rat liver,Rat brain |
| 细胞定位 | Cytoplasm,Mitochondrion,Mitochondrion,Peroxisome |
| 纯化 | Affinity purification |

## 抗原信息

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| 抗原信息 | Recombinant fusion protein corresponding to Human Sterol carrier protein 2. |

## 靶点信息

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| 研究背景 | This gene encodes two proteins: sterol carrier protein X (SCPx) and sterol carrier protein 2 (SCP2), as a result of transcription initiation from 2 independently regulated promoters. The transcript initiated from the proximal promoter encodes the longer SCPx protein, and the transcript initiated from the distal promoter encodes the shorter SCP2 protein, with the 2 proteins sharing a common C-terminus. Evidence suggests that the SCPx protein is a peroxisome-associated thiolase that is involved in the oxidation of branched chain fatty acids, while the SCP2 protein is thought to be an intracellular lipid transfer protein. This gene is highly expressed in organs involved in lipid metabolism, and may play a role in Zellweger syndrome, in which cells are deficient in peroxisomes and have impaired bile acid synthesis. Alternative splicing of this gene produces multiple transcript variants, some encoding different isoforms. |

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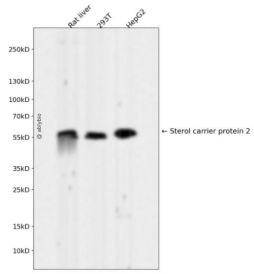
| 基因**ID** | 6342 |
| 基因名 | SCP2 |
| **Swiss** | P22307 |
| 别名 | Sterol carrier protein 2 |

## 产品验证




Western blot analysis of Sterol carrier protein 2 expressed in Rat liver,293T,HepG2 using Sterol carrier protein 2 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.

## 实验步骤

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