

# LONP2 Rabbit pAb

货号: B15115

产品信息

|       |                                                                                                      |
|-------|------------------------------------------------------------------------------------------------------|
| 反应    | Human,Mouse,Rat                                                                                      |
| 宿主    | Rabbit                                                                                               |
| 克隆性   | Polyclonal                                                                                           |
| 预测反应  |                                                                                                      |
| 应用    | WB                                                                                                   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000                                                                            |
| 理论分子量 | 89kDa/94kDa                                                                                          |
| 实测分子量 | 110kDa                                                                                               |
| 形式    | Liquid                                                                                               |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated                                                                                         |
| 阳性对照  | U-87MG,HeLa,A-375,Mouse kidney,Mouse liver,Mouse lung,Rat testis                                     |
| 细胞定位  | Peroxisome matrix                                                                                    |
| 纯化    | Affinity purification                                                                                |

抗原信息

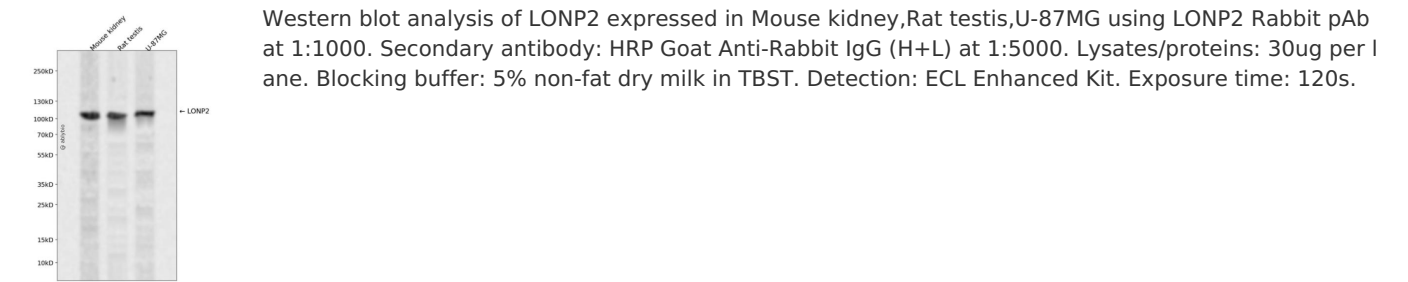
|      |                                                                                                                                                                                                                                                                                                                        |
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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human LONP2 (NP_113678.2).                                                                                                                                                                                                      |
| 序列   | MSSVSPIQIPSRPLLLTHEGVLLPGSTMRTSVDSARNLQLVRSRLLKGTSLQSTILGVIPNTPDPASDAQDLPPLHRIGTAA<br>LAVQVVGSNWPKPHYTLITGLCRFQIVQLKEKPYPIAEVEQLDRLEEFNPTCKMREELGELSEQFYKYAVQLVEMLDMSV<br>PAVAKLRRLDLSLPREALPDILTSIIRTSNKEKLQILDVAVSLEERFKMTIPLLVRQIEGLKLLQKTRKPKQDDDKRVIAIRPIRRIT<br>HISGTLEDEDEDEDNDDIVMLEKKIRTSSMPEQAHKVCVKEIKRLKKM |

靶点信息

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| 研究背景 | In human, peroxisomes function primarily to catalyze fatty acid beta-oxidation and, as a by-product, produce hydrogen peroxide and superoxide. The protein encoded by this gene is an ATP-dependent protease that likely plays a role in maintaining overall peroxisome homeostasis as well as proteolytically degrading peroxisomal proteins damaged by oxidation. The protein has an N-terminal Lon N substrate recognition domain, an ATPase domain, a proteolytic domain, and, in some isoforms, a C-terminal peroxisome targeting sequence. Alternative splicing results in multiple transcript variants encoding distinct isoforms. |
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| 基因ID  | 83752                       |
| 基因名   | LONP2                       |
| Swiss | Q86WA8                      |
| 别名    | LONP2;LONP;LONPL;PLON;PSLON |

产品验证



实验步骤

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