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COASY Rabbit mAb

货号: **AYM30958**

产品信息

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|-------|---|
| 反应 | Human |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB FC |
| 推荐浓度 | WB: 1:500 - 1:2000 FC: 1:20 - 1:50 |
| 理论分子量 | 62kDa/65kDa |
| 实测分子量 | 62kDa |
| 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 | LO2,293T,A-549,SKOV3,Mouse heart,Mouse liver,Rat kidney |
| 细胞定位 | Cytoplasm,Mitochondrion matrix |
| 纯化 | Affinity purification |

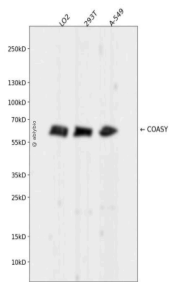
抗原信息

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| 抗原信息 | Recombinant fusion protein corresponding to Human COASY. |
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靶点信息

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| 研究背景 | Coenzyme A (CoA) functions as a carrier of acetyl and acyl groups in cells and thus plays an important role in numerous synthetic and degradative metabolic pathways in all organisms. In eukaryotes, CoA and its derivatives are also involved in membrane trafficking and signal transduction. This gene encodes the bifunctional protein coenzyme A synthase (CoAsy) which carries out the last two steps in the biosynthesis of CoA from pantothenic acid (vitamin B5). The phosphopantetheine adenyltransferase domain of this bifunctional protein catalyzes the conversion of 4'-phosphopantetheine into dephospho-coenzyme A (dpCoA) while its dephospho-CoA kinase domain completes the final step by phosphorylating dpCoA to form CoA. Mutations in this gene are associated with neurodegeneration with brain iron accumulation (NBIA). Alternative splicing results in multiple isoforms. |
| 基因ID | 80347 |
| 基因名 | COASY |
| Swiss | Q13057 |
| 别名 | COASY, COASY Rabbit mAb, NBP, POV-2, Dephospho-CoA pyrophosphorylase, Pantetheine-phosphate adenyltransferase, Dephosphocoenzyme A kinase |

产品验证



Western blot analysis of COASY expressed in LO2, 293T, A-549 using COASY 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

访问官网浏览详情: www.ablybio.cn (<https://www.ablybio.cn/>www.ablybio.cn)