

# SPTA1 Rabbit mAb

货号: B29405

## 产品信息

|       |                                                                                               |
|-------|-----------------------------------------------------------------------------------------------|
| 反应    | Human                                                                                         |
| 宿主    | Rabbit                                                                                        |
| 克隆性   | Monoclonal                                                                                    |
| 预测反应  |                                                                                               |
| 应用    | WB IHC                                                                                        |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IHC:</b> 1:50 - 1:200                                         |
| 理论分子量 | 279kDa/280kDa                                                                                 |
| 实测分子量 | 280kDa                                                                                        |
| 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  | 239T,LO2,A-549,Mouse kidney,Mouse liver,Mouse lung,Rat heart                                  |
| 细胞定位  | Cytoplasm,cell cortex,cytoskeleton                                                            |
| 纯化    | Affinity purification                                                                         |

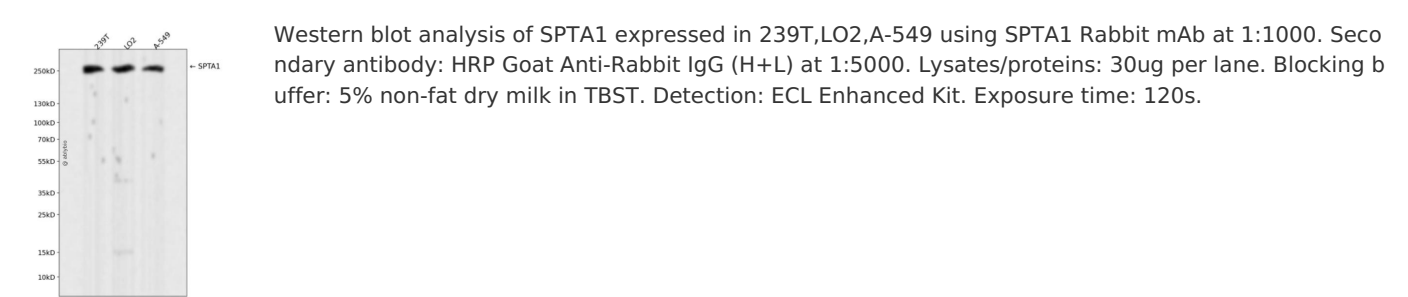
## 抗原信息

|      |                                                                                                                                                                                                                                     |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 抗原信息 | Recombinant fusion protein corresponding to Human SPTA1.                                                                                                                                                                            |
| 序列   | KHEAFLLDLNSFGDSMKALRNQANACQQQQAAPVEGVAGEQRMALYDFQARSPREVTMKGDVLTLLSSINKDWWK<br>VEAADHQGIVPAVYVRRLAHDEFMPLPQRRREEPGNITQRQEQIENQYRSLLDRAEERRRRLLQRYNEFLLAYEAGDMLEW<br>IQEKKAENTGVELDDVWELQKKFDEFQKDLNTNEPRLRDINKVADDLLFEGLLTPEGAQIRQE |

## 靶点信息

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| 研究背景  | Spectrin is an actin crosslinking and molecular scaffold protein that links the plasma membrane to the actin cytoskeleton, and functions in the determination of cell shape, arrangement of transmembrane proteins, and organization of organelles. It is a tetramer made up of alpha-beta dimers linked in a head-to-head arrangement. This gene is one member of a family of alpha-spectrin genes. The encoded protein is primarily composed of 22 spectrin repeats which are involved in dimer formation. It forms weaker tetramer interactions than non-erythrocytic alpha spectrin, which may increase the plasma membrane elasticity and deformability of red blood cells. Mutations in this gene result in a variety of hereditary red blood cell disorders, including elliptocytosis type 2, pyropoikilocytosis, and spherocytic hemolytic anemia. |
| 基因ID  | 6708                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 基因名   | SPTA1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Swiss | P02549                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 别名    | SPTA1;EL2;HPP;HS3;SPH3;SPTA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

产品验证



实验步骤

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