

Calpain small subunit 1 Rabbit mAb

货号: B30318

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 FC |
| 推荐浓度 | WB: 1:500 - 1:2000 IHC: 1:50 - 1:200 IF/ICC: 1:50 - 1:200 FC: 1:20 - 1:50 |
| 理论分子量 | 28kDa |
| 实测分子量 | 28kDa |
| 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 | BT-474,U-251MG,SKOV3,Mouse lung,Mouse heart,Mouse spleen,Rat lung |
| 细胞定位 | Cell membrane,Cytoplasm |
| 纯化 | Affinity purification |

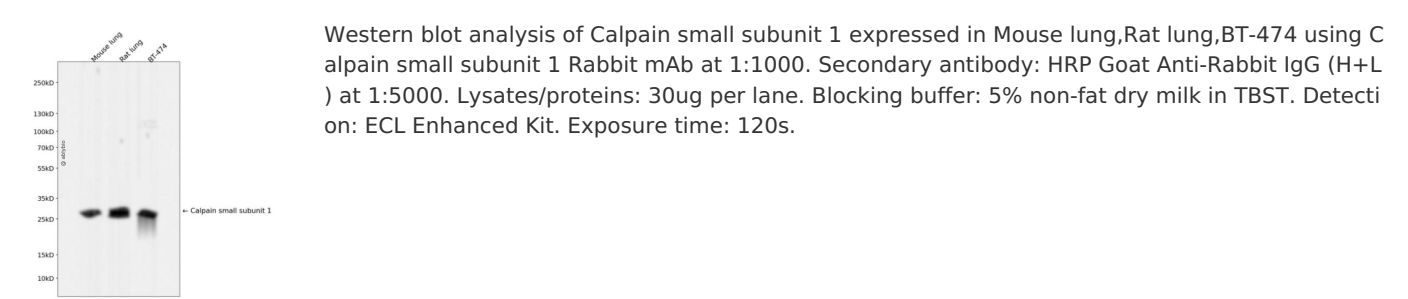
抗原信息

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| 抗原信息 | Recombinant fusion protein corresponding to Human Calpain small subunit 1. |
| 序列 | ISEAAAQYNPEPPPPRTHYSNIEANESEEVQFRRLFAQLAGDDMEVSATELMNILNKVVTRHPDLKTDGFGIDTCRSMVA VMDSDTTGKLGFEFEFKYLWNNIKRWQAIYKQFDTDRSGTICSSSELPGAFEAAGFHLNEHLYNMIIRRYSDSGNMDFDNF ISCLVRLDAMFRAFKSLDKDGTGQIQVNIQEWLQLTMYS |

靶点信息

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| 研究背景 | This gene is a member of the calpain small subunit family. Calpains are calcium-dependent cysteine proteases that are widely distributed in mammalian cells. Calpains operate as heterodimers, comprising a specific large catalytic subunit (calpain 1 subunit in Calpain I, and calpain 2 subunit in Calpain II), and a common small regulatory subunit encoded by this gene. This encoded protein is essential for the stability and function of both calpain heterodimers, whose proteolytic activities influence various cellular functions including apoptosis, proliferation, migration, adhesion, and autophagy. Calpains have been implicated in neurodegenerative processes, such as myotonic dystrophy. A pseudogene of this gene has been defined on chromosome 1. Alternative splicing results in multiple transcript variants. |
| 基因ID | 826 |
| 基因名 | CAPNS1 |
| Swiss | P04632 |
| 别名 | CAPNS1;CALPAIN4;CANP;CANPS;CAPN4;CDPS;CSS1 |

产品验证



实验步骤

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