

Phospho-AMPKa1-T183/AMPKa2-T172 Rabbit pAb

货号: AYP11310

产品信息

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| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | IHC: Mus musculus WB: Homo sapiens,Mus musculus , Sus scrofa , Largemouth bass , Rattus norvegicus IF/ICC: Sus scrofa |
| 应用 | WB |
| 推荐浓度 | WB: 1:500 - 1:1000 |
| 理论分子量 | 64kDa/65kDa/62kDa |
| 实测分子量 | 62KDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | 293T,C6 |
| 细胞定位 | apical plasma membrane,cytoplasm,cytosol,nuclear speck,nucleoplasm,nucleus |
| 纯化 | Affinity purification |

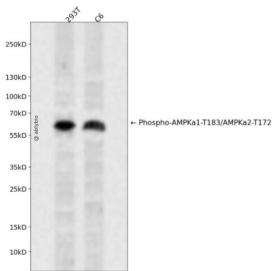
抗原信息

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| 抗原信息 | A synthetic phosphorylated peptide around T183 of human PRKAA1PRKAA1 (NP_006242.5). |
| 序列 | LRTSC |

靶点信息

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| 研究背景 | The protein encoded by this gene belongs to the ser/thr protein kinase family. It is the catalytic subunit of the 5'-prime-AMP-activated protein kinase (AMPK). AMPK is a cellular energy sensor conserved in all eukaryotic cells. The kinase activity of AMPK is activated by the stimuli that increase the cellular AMP/ATP ratio. AMPK regulates the activities of a number of key metabolic enzymes through phosphorylation. It protects cells from stresses that cause ATP depletion by switching off ATP-consuming biosynthetic pathways. Alternatively spliced transcript variants encoding distinct isoforms have been observed. |
| 基因ID | 5562,5563 |
| 基因名 | PRKAA1,PRKAA2 |
| Swiss | Q13131,P54646 |
| 别名 | AMPKa1/AMPKa2 |

产品验证



实验步骤

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