

# AMPK beta 1 Rabbit mAb

货号: B31224

产品信息

|       |   |
|-------|---|
| 反应    | Human,Mouse,Rat   |
| 宿主    | Rabbit  |
| 克隆性   | Monoclonal  |
| 预测反应  |   |
| 应用    | WB FC   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>FC:</b> 1:20 - 1:50   |
| 理论分子量 | 30kDa   |
| 实测分子量 | 38kDa   |
| 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  | U-87MG,A-549,HeLa,Jurkat,HepG2  |
| 细胞定位  | cytoplasm,cytosol,nucleoplasm,nucleus   |
| 纯化    | Affinity purification   |

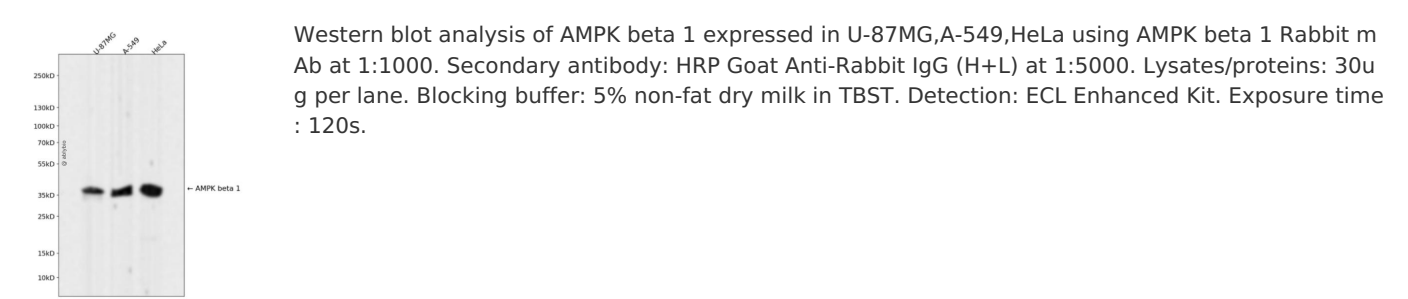
抗原信息

|      |   |
|------|---|
| 抗原信息 | Recombinant fusion protein corresponding to Human AMPK beta 1.                      |
| 序列   | MGNTSSERAALERHGGHKTPRRDSSGGTKDGRPKILMDSPEDADLFHSEEIKAPEKEEFLAWQHDLEVNDKAPAQARP<br>T |

靶点信息

|       |   |
|-------|---|
| 研究背景  | The protein encoded by this gene is a regulatory subunit of the AMP-activated protein kinase (AMPK). AMP K is a heterotrimer consisting of an alpha catalytic subunit, and non-catalytic beta and gamma subunits. AMPK is an important energy-sensing enzyme that monitors cellular energy status. In response to cellular metabolic stresses, AMPK is activated, and thus phosphorylates and inactivates acetyl-CoA carboxylase ( ACC) and beta-hydroxy beta-methylglutaryl-CoA reductase (HMGCR), key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. This subunit may be a positive regulator of AMPK activity. The myristoylation and phosphorylation of this subunit have been shown to affect the enzyme activity and cellular localization of AMPK. This subunit may also serve as an adaptor molecule mediating the association of the AMPK complex. |
| 基因ID  | 5564  |
| 基因名   | PRKAB1  |
| Swiss | Q9Y478  |
| 别名    | PRKAB1;AMPK;HAMPKb  |

产品验证



实验步骤

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