

小鼠抗 PRKAB1 单克隆抗体

中文名称: 小鼠抗 PRKAB1 单克隆抗体

英文名称: Anti-PRKAB1 mouse monoclonal antibody

别 名: protein kinase AMP-activated non-catalytic subunit beta 1; AMPK; HAMPKb

相关类别: 一抗

储 存: 冷冻(-20℃)

宿 主: Mouse

抗 原: PRKAB1

反应种属: Human, Mouse, Rat, Monkey

标 记 物: Unconjugate

克隆类型: Mouse Monoclonal

技术规格

nd gamma subunits. AMPK is an important energy-sensing enzy me 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 involv ed in regulating de novo biosynthesis of fatty acid and choleste rol. This subunit may be a positive regulator of AMPK activity. T

The protein encoded by this gene is a regulatory subunit of the AMP-activated protein kinase (AMPK). AMPK is a heterotrimer c onsisting of an alpha catalytic subunit, and non-catalytic beta a

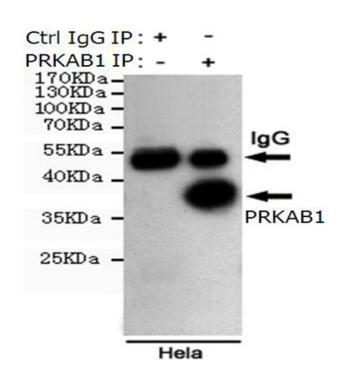
he myristoylation and phosphorylation of this subunit have bee n shown to affect the enzyme activity and cellular localization o f AMPK. This subunit may also serve as an adaptor molecule m

Background:



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| | ediating the association of the AMPK complex. |
|---------------------------|---|
| Applications: | WB, IF, IP, IHC |
| Name of antibody: | PRKAB1 |
| Immunogen: | Fusion protein of human PRKAB1 |
| Full name: | protein kinase AMP-activated non-catalytic subunit beta 1 |
| Synonyms: | AMPK; HAMPKb |
| SwissProt: | Q9Y478 |
| IHC positive control: | Human breast cancer |
| IHC Recommend dilutio n: | 100-200 |
| WB Predicted band size : | 30 kDa |
| WB Positive control: | 3T3, Hela, PC-12, COS7 and MDA-MB-468 cell lysates |
| WB Recommended dilut ion: | 1000-5000 |
| IF positive control: | Hela cells |
| IF Recommend dilution: | 50-100 |





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