

AMPK beta 1 Antibody

货号: **AYP5687**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF ELISA
推荐浓度	WB: 1:500 - 1:2000 IF: 1:50 - 1:200
理论分子量	30kDa
实测分子量	
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	U-87MG,A-549,HeLa,Jurkat,HepG2
细胞定位	cytoplasm,cytosol,nucleoplasm,nucleus
纯化	Affinity purification

抗原信息

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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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