

AMPK β 1 (17H8) Rabbit Monoclonal Antibody

Catalog# HZ-YMA00806

Product information

产品货号	HZ-YMA00806
别名	PRKAB1;AMPK; γ -AMP-activated protein kinase subunit beta-1;AMPK subunit beta-1;AMPK β
产品名称	AMPK β 1 (17H8) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	PRKAB1
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC,IP,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	5564
Human Swissprot No.	Q9Y478
稀释度	IHC-P 1:100-1:500, WB 1:2000-1:10000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:500-1:20000, IP 1:50-1:200,
参考分子量	38kDa
预测分子量	30kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	The protein encoded by this gene is a regulatory subunit of the AMP-activated protein kinase (AMPK). AMPK 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. [provided by RefSeq, Jul 2013]
细胞定位	nucleus,nucleoplasm,cytosol,nucleotide-activated protein kinase complex,
纯化	Protein A
Clonality	Monoclonal