

AMPK γ 1 (10R19) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01383

Product information

产品货号	HZ-YMA01383
别名	PRKAG1;5'-AMP-activated protein kinase subunit gamma-1;AMPK gamma1;AMPK subunit gamma-1;AMPKg
产品名称	AMPK γ 1 (10R19) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	PRKAG1
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	5571
Human Swissprot No.	P54619
稀释度	IHC-P 1:200-1:1000;WB 1:2000-1:10000;IF-P/IF-F/IF-ICC 1:200-1:1000;ELISA 1:5000-1:20000;IP 1:50-1:200;
参考分子量	38kDa
预测分子量	38kDa
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 is one of the gamma regulatory subunits of AMPK. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008],
细胞定位	nucleoplasm,cytosol,membrane,nucleotide-activated protein kinase complex,extracellular exosome,
Clonality	Monoclonal