

AMPK gamma 1 Rabbit mAb

货号: **AYM30527**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP FC
推荐浓度	WB: 1:500 - 1:2000 IP: 1:20 - 1:50 FC: 1:20 - 1:50
理论分子量	34kDa/37kDa/38kDa
实测分子量	38kDa
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	Jurkat,22Rv1,Mouse kidney,Mouse thymus
细胞定位	cytoplasm,cytosol,nucleoplasm,nucleus
纯化	Affinity purification

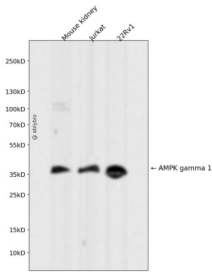
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human AMPK gamma 1.
序列	METVISSDSSPAVENEHPQETPESNNSVYTSFMKSHRCYDLIPTSSKLVVFDTSLQVKKAFFALVTNGVRAAPLWDSKKQ SFVGMILTDFINILHRYKQYKALVQIYELEEHKIETWREVYLQDSFKPLVCISPNASLFDVSSLIIRNKIHRPLVIDPESGNTLYIL THKRILKFLKLFITEFPKPEFMSKSLEELQIGTYANIAMVTRTTTPVYVALGIFVQHRVSALPVVDEKGRVVDIYSKFDVINLAAE KTYNNLDVSVTKALQHRSHYFEGVLKCYLHETLETIINRLVEAEVHRLVVVDENDVVKGIVSLSDILQALVLTGGEEKP

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 is one of the gamma regulatory subunits of AMPK. Alternatively spliced transcript variants encoding distinct isoforms have been observed.
基因ID	5571
基因名	PRKAG1
Swiss	P54619
别名	PRKAG1;AMPKG

产品验证



Western blot analysis of AMPK gamma 1 expressed in Mouse kidney, Jurkat, 22Rv1 using AMPK gamma 1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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