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Phospho-AMPK alpha (Thr172) Rabbit mAb

货号: AYM28882

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	**WB:** 1:500 - 1:2000
理论分子量	64kDa/65kDa/62kDa
实测分子量	62kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	C2C12
细胞定位	apical plasma membrane,cytoplasm,cytosol,nuclear speck,nucleoplasm,nucleus
纯化	Affinity purification

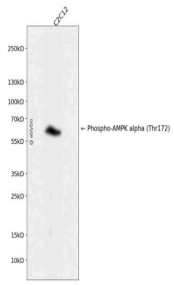
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-AMPK alpha (Thr172) .

靶点信息

研究背景	The protein encoded by this gene belongs to the ser/thr protein kinase family. It is the catalytic subunit of the 5'-prime-AMP-activated protein kinase (AMPK). AMPK is a cellular energy sensor conserved in all euka ryotic cells. The kinase activity of AMPK is activated by the stimuli that increase the cellular AMP/ATP rati o. AMPK regulates the activities of a number of key metabolic enzymes through phosphorylation. It protec ts cells from stresses that cause ATP depletion by switching off ATP-consuming biosynthetic pathways. Alt ernatively spliced transcript variants encoding distinct isoforms have been observed.
基因ID	5562,5563
基因名	PRKAA1,PRKAA2
Swiss	Q13131P54646 (https://www.uniprot.org/uniprotkb/Q13131P54646/entry)
别名	Phospho-AMPK alpha (Thr172),Phospho-AMPK alpha (Thr172) Rabbit mAb,PRKAA1,PRKAA2

产品验证



Western blot analysis of Phospho-AMPK alpha (Thr172) expressed in C2C12 using Phospho-AMPK alpha (T hr172) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/pro teins: 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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