

# AMPK $\alpha$ 1/AMPK $\alpha$ 2 Rabbit pAb

货号: **AYP11279**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> Mus musculus , Homo sapiens , Rattus norvegicus , Homo sapiens. Mus musculus <b>IHC:</b> Rattus norvegicus <b>IF:</b> Rattus norvegicus <b>ELISA:</b> Rattus norvegicus
应用	WB IHC IF/ICC
推荐浓度	<b>WB:</b> 1:100 - 1:500 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200
理论分子量	64kDa/65kDa/62kDa
实测分子量	62KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293F,Neuro-2a
细胞定位	apical plasma membrane,cytoplasm,cytosol,nuclear speck,nucleoplasm,nucleus
纯化	Affinity purification

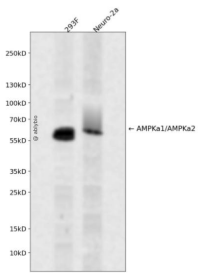
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 5-280 of human PRKAA1 /PRKAA2 (NP_006242.5).
序列	SSWRKMATAEKQKHDGRVKIGHYILGDTLGVGTFGKVKVKGHELTGHKVAVKILNRQKIRSLDVVGKIRREIQNLKFRHP HIKLYQVISTPSDIFMVMMEYVSGGELFDYICKNGRLDEKESRRRLFQQILSGVDYCHRHMVVHRDLKPENVLLDAHMNAKIA DFGLSNMMSDGEFLRTSCGSPNYAAPEVISGRLYAGPEVDIWSGGVILYALLCGTLPFDDDDHVPTLFKKICDGIFYTPQYLN PSVISLLKHMLQVDPMKRATIKDIREHEWFK

## 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 eukaryotic cells. The kinase activity of AMPK is activated by the stimuli that increase the cellular AMP/ATP ratio. AMPK regulates the activities of a number of key metabolic enzymes through phosphorylation. It protects cells from stresses that cause ATP depletion by switching off ATP-consuming biosynthetic pathways. Alternatively spliced transcript variants encoding distinct isoforms have been observed.
基因ID	5562,5563
基因名	PRKAA1,PRKAA2
Swiss	Q13131,P54646
别名	AMPKa1/AMPKa2

## 产品验证



Western blot analysis of AMPKa1/AMPKa2 expressed in 293F, Neuro-2a using AMPKa1/AMPKa2 Rabbit pAb 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

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn)