

AMPKa1/AMPKa2 Rabbit pAb

货号: **AYP20763**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:1000
理论分子量	64kDa/65kDa
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	MCF7,Mouse liver,Mouse brain,C2C12,Rat liver
细胞定位	apical plasma membrane,cytoplasm,cytosol,nuclear speck,nucleoplasm,nucleus
纯化	Affinity purification

抗原信息

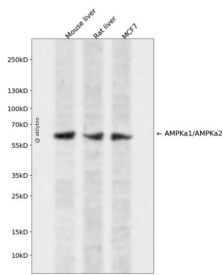
抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 5-280 of human AMPKa1/AMPKa2 (NP_006242.5).
序列	SSWRKMATAEKQKHDGRVKIGHYILGDTLGVGTFGKVKVKGHELTGHKVAVKILNRQKIRSLDVVGKIRREIQNLKLFRRHP HIIKLYQVISTPSDIFMVMMEYVSGGELFDYICKNGRLDEKESRRLFQQILSGVDYCHRHMVVHRDLKPENVLLDAHMNAKIA DFGLSNMMSDGEFLRTSCGSPNYAAPEVISGRLYAGPEVDIWSGIVILYALLCGTLPFDDDHVPTLFKKICDGFYTPQYLN 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.
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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 Mouse liver,Rat liver,MCF7 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

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