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AMPK α1 Rabbit mAb

货号: AAY1613

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF IP ELISA
推荐浓度	**IHC:** 1:100-200 **WB:** 1:1000-3000 **IF:** 1:100-800 **ELISA:** 1:5000-20000 **IP:** 1:50-200
理论分子量	64kD
实测分子量	64kD
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.615.
偶联物	Unconjugated
阳性对照	Mouse liver,Mouse brain,Rat liver
细胞定位	Cytoplasm, Nucleus
纯化	亲和纯化

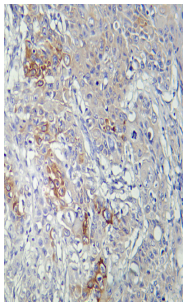
抗原信息

抗原信息	

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
基因名	PRKAA1
Swiss	Q13131 (https://www.uniprot.org/uniprotkb/Q13131/entry)
别名	PRKAA1,5'-AMP-activated protein kinase catalytic subunit alpha-1 (AMPK subunit alpha-1) (Acetyl-CoA carboxylase kinase) (ACACA kinase) (Hydroxymethylglutaryl-CoA reductase kinase) (HMGCR kinase) (Tau-protein kinase PRK,AMPK1,5'-AMP-activated protein kinase catalytic subunit alpha-1,AMPK subunit alpha-1,Acetyl-CoA carboxylase kinase,ACACA kinase,Hydroxymethylglutaryl-CoA reductase kinase,HMGCR kinase,Tau-protein kinase PRKAA1,5'-AMP-activated protei

产品验证



Human cervical carcinoma was stained with Anti-AMPK α1 rabbit antibody，1：300

实验步骤

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