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Phospho-AMPK alpha 1 (S496) Rabbit mAb

货号: AYM30522

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IP ICC/IF
推荐浓度	**WB:** 1:500 - 1:2000 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50
理论分子量	64kDa/65kDa
实测分子量	64kDa
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	Mouse liver,Mouse brain,Rat liver
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

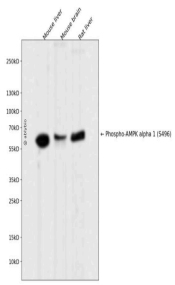
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Phospho-AMPK alpha 1 (S496).

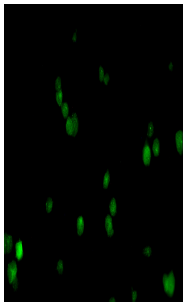
靶点信息

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
基因名	PRKAA1
Swiss	Q13131 (https://www.uniprot.org/uniprotkb/Q13131/entry)
别名	Phospho-AMPK alpha 1 (S496),Phospho-AMPK alpha 1 (S496) Rabbit mAb,PRKAA1,Acetyl-CoA carboxylase kinase,Hydroxymethylglutaryl-CoA reductase kinase,Tau-protein kinase PRKAA1,AMPK1

产品验证



Western blot analysis of Phospho-AMPK alpha 1 (S496) expressed in Mouse liver,Mouse brain,Rat liver usi ng Phospho-AMPK alpha 1 (S496) 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.



Immunofluorescence analysis of HeLa LLC labelling Phospho-AMPK alpha 1 (S496) with . The cells were fix ed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with Goat Anti-Rabbit IgG Fluor488 (1:200，show n in green) at room temprature for 1h.

实验步骤

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