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AMPK alpha 1 Rabbit mAb

货号: AYM31175

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/ICC IP FC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50 **FC:** 1:20 - 1:50
理论分子量	64kDa/65kDa
实测分子量	63kDa
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

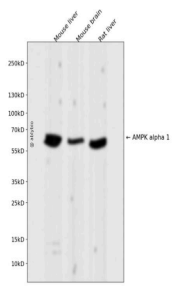
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human AMPK alpha 1.

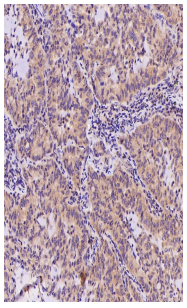
靶点信息

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	AMPK alpha 1,AMPK alpha 1 Rabbit mAb,PRKAA1,Acetyl-CoA carboxylase kinase,Hydroxymethylglutaryl-CoA reductase kinase,Tau-protein kinase PRKAA1,AMPK1

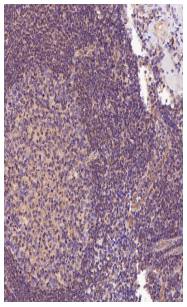
产品验证



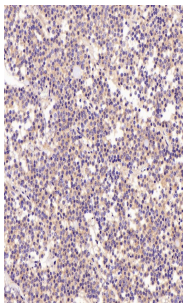
Western blot analysis of AMPK alpha 1 expressed in Mouse liver,Mouse brain,Rat liver using AMPK alpha 1 Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.



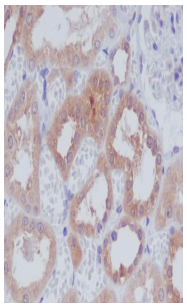
Immunohistochemical analysis of paraffin-embedded Human lung adenocarcinoma, using the Antibody at 1:500 dilution.



Immunohistochemical analysis of paraffin-embedded Human tonsil, using the Antibody at 1:500 dilution.



Immunohistochemical analysis of paraffin-embedded Human pituitary tumor, using the Antibody at 1:500 dilution.



Immunohistochemical analysis of paraffin-embedded human kidney, using AMPK alpha 1 Antibody.

实验步骤

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