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AMPK alpha (Phospho-Thr172) Antibody

货号: AYP4003

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC ELISA
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	64kDa/65kDa/62kDa
实测分子量	62KD
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	293F,Neuro-2a
细胞定位	apical plasma membrane,cytoplasm,cytosol,nuclear speck,nucleoplasm,nucleus
纯化	Affinity purification

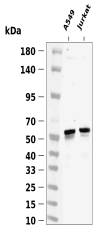
抗原信息

抗原信息	Synthesized peptide derived from Human AMPK alpha (Phospho-Thr172).

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	5562,5563
基因名	PRKAA1,PRKAA2
Swiss	Q13131P54646 (https://www.uniprot.org/uniprotkb/Q13131P54646/entry)
别名	AMPKa1/AMPKa2,AMPK alpha (Phospho-Thr172),AMPK alpha (Phospho-Thr172) Antibody,PRKAA1,PRKAA2

产品验证



Western blot analysis of extracts from A549 Jurkat cells using AMPK alpha (Phospho-Thr172) at 1:500.

实验步骤

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