

产品名称: Phospho-AMPK alpha 1/2 (Thr183/Thr172) Rabbit Polyclonal Antibody
产品货号: APRab03381



产品概述 (Summary)

产品名称 (Production Name)	Phospho-AMPK alpha 1/2 (Thr183/Thr172) Rabbit Polyclonal Antibody
描述 (Description)	Primary antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC-F,IHC-P,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey,Pig

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal Antibody
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
纯化方式 (Purification)	Affinity Chromatography

免疫原信息 (Immunogen)

基因名 (Gene Name)	AAPK1/AAPK2
别名 (Alternative Names)	PRKAA1; 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; PRKAA2; AMPK
基因 ID (Gene ID)	5562/5563
蛋白 ID (SwissProt ID)	Q13131/P54646

产品应用 (Application)

稀释比 (Dilution Ratio)	WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 ELISA: 1/10000
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蛋白分子量 (Molecular Weight) Calculated MW: 64 kDa; Observed MW: 64 kDa

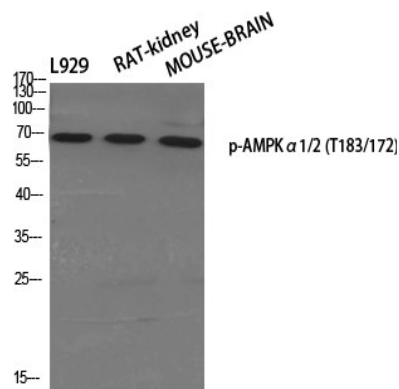
研究背景 (Background)

AMP-activated protein kinase (AMPK) is highly conserved from yeast to plants and animals and plays a key role in the regulation of energy homeostasis. AMPK is a heterotrimeric complex composed of a catalytic α subunit and regulatory β and γ subunits, each of which is encoded by two or three distinct genes ($\alpha 1, 2$; $\beta 1, 2$; $\gamma 1, 2, 3$).

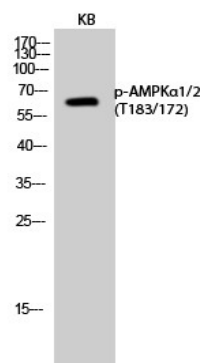
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)

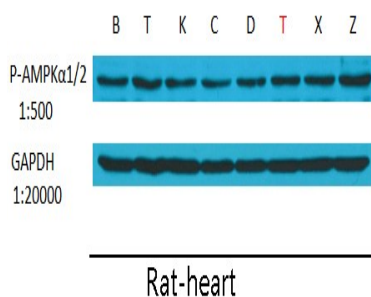


Western blot analysis of Phospho-AMPK alpha 1/2 (Thr183/Thr172) in various lysates using Phospho-AMPK alpha 1/2 (Thr183/Thr172) antibody.

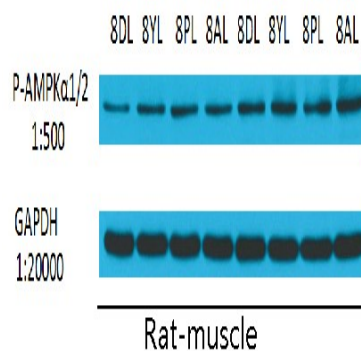


Western blot analysis of Phospho-AMPK alpha 1/2 (Thr183/Thr172) in KB lysates using Phospho-AMPK α 1/2 (T183/17, 2) antibody.

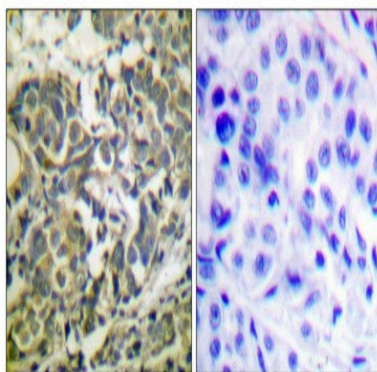
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Western blot analysis of Phospho-AMPK alpha 1/2 in rat muscle heart using Phospho-AMPK alpha 1/2 antibody.

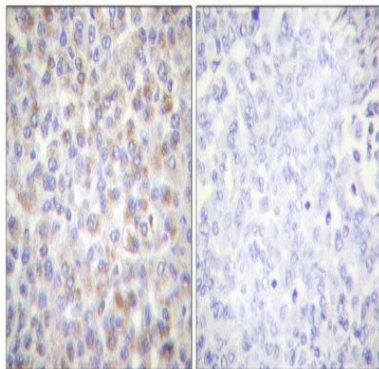


Western blot analysis of Phospho-AMPK alpha 1/2 in rat muscle lysates using Phospho-AMPK alpha 1/2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Phospho-AMPK alpha 1/2 (Thr183/Thr172) antibody. High-pressure and temperature Tris-EDTA pH 8.0 was used for antigen retrieval. Negative control (right) obtained from antibody, was preabsorbed by immunogen peptide.

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注意事项 (Note)

For research use only .