AMPKα1/2 (phospho Thr183/172) Rabbit Polyclonal Antibody

Catalog# UZ-PA00590

Product information

产品货号	UZ-PA00590
别名	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;AAPK2
产品名称	AMPKα1/2 (phospho Thr183/172) Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	AAPK1
推荐应用	IF-P,IF-F,IF-ICC,WB,IHC-P,ELISA
反应种属	Human,Mouse,Rat,Monkey,Pig,Marsupenaeus japonicus
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Human Gene ID	5562/5563
Human Swissprot No.	Q13131/P54646
免疫原	The antiserum was produced against synthesized peptide derived from human AMPK alpha around the phosphorylation site of Thr172. AA range:140-189
稀释度	IF-P/IF-F/IF-ICC 1:50-200, WB 1:500-1:2000, IHC-P 1:100-1:300, ELISA 1:40000.Not yet tested in other applications.
预测分子量	63kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	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. [provided by RefSeq, Jul 2008],
细胞定位	Cytoplasm . Nucleus . In response to stress, recruited by p53/TP53 to specific promoters. .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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