

AMPK α 1(5G11)Mouse Monoclonal Antibody

Catalog# UZ-PA00585

Product information

产品货号	UZ-PA00585
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
产品名称	AMPK α 1(5G11)Mouse Monoclonal Antibody
类别	抗体产品
基因名称	PRKAA1
推荐应用	WB,IHC-P,IF-P,IF-F,IF-ICC
反应种属	Human,Rat,Mouse
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
Human Swissprot No.	Q13131
免疫原	Synthetic Peptide of AMPK α 1
稀释度	WB 1:1000-2000, IHC-P 1:50-100, IF-P/IF-F/IF-ICC 1:50-200
预测分子量	63kDa
运输及保存条件	-20°C/1 year
宿主	Mouse
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 mouse ascites by affinity-chromatography using specific immunogen.
Clonality	Monoclonal