

AMPK α 1 (Phospho Ser485) (12X14) Rabbit Monoclonal Antibody

Catalog# HZ-YMA01218

Product information

产品货号	HZ-YMA01218
别名	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;AMPK1
产品名称	AMPK α 1 (Phospho Ser485) (12X14) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	PRKAA1
推荐应用	WB,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	5562
Human Swissprot No.	Q13131
稀释度	WB 1:2000-1:10000, IF 1:200-1:1000, ELISA 1:5000-1:20000
参考分子量	62kDa
预测分子量	62kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
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. .
Clonality	Monoclonal