

AMPK α 2 Rabbit Polyclonal Antibody

Catalog# UZ-PA00592

Product information

产品货号	UZ-PA00592
别名	PRKAA2; AMPK; AMPK2; 5'-AMP-activated protein kinase catalytic subunit alpha-2; AMPK subunit alpha-2; Acetyl-CoA carboxylase kinase; ACACA kinase; Hydroxymethyl glutaryl-CoA reductase kinase; HMGCR kinase
产品名称	AMPK α 2 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	PRKAA2
推荐应用	WB
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, pH 7.4, containing 0.5%BSA, 0.02% New type preservative N as Preservative and 50% Glycerol.
Human Gene ID	5563
Human Swissprot No.	P54646
免疫原	Recombinant Protein of AMPK α 2
稀释度	WB 1:1000-2000
预测分子量	62kDa
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 is a catalytic subunit of the AMP-activated protein kinase (AMPK). AMPK is a heterotrimer consisting of an alpha catalytic subunit, and non-catalytic beta and gamma subunits. AMPK is an important energy-sensing enzyme that monitors cellular energy status. In response to cellular metabolic stresses, AMPK is activated, and thus phosphorylates and inactivates acetyl-CoA carboxylase (ACC) and beta-hydroxy beta-methylglutaryl-CoA reductase (HMGCR), key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. Studies of the mouse counterpart suggest that this catalytic subunit may control whole-body insulin sensitivity and is necessary for maintaining myocardial energy homeostasis during ischemia. [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