

PDK4 (8Q3) Rabbit Monoclonal Antibody

Catalog# UZ-MA03449

Product information

产品货号	UZ-MA03449
别名	AV005916
产品名称	PDK4 (8Q3) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,FCM,IP
反应种属	Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	Recombinant protein of mouse PDK4
稀释度	WB 1:1000, FCM 1:50-1:100, IP 1:20-1:50
参考分子量	47kDa
预测分子量	47kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	Kinase that plays a key role in regulation of glucose and fatty acid metabolism and homeostasis via phosphorylation of the pyruvate dehydrogenase subunits PDHA1 and PDHA2. This inhibits pyruvate dehydrogenase activity, and thereby regulates metabolite flux through the tricarboxylic acid cycle, down-regulates aerobic respiration and inhibits the formation of acetyl-coenzyme A from pyruvate. Inhibition of pyruvate dehydrogenase decreases glucose utilization and increases fat metabolism in response to prolonged fasting and starvation.
纯化	Affinity Purification
Uniprot ID	O70571
Clonality	Monoclonal