

AMPK β 2 (Mix-mA) Mouse Monoclonal Antibody

Catalog# UZ-PA00599

Product information

产品货号	UZ-PA00599
别名	5'-AMP-activated protein kinase subunit beta-2 (AMPK subunit beta-2)
产品名称	AMPK β 2 (Mix-mA) Mouse Monoclonal Antibody
类别	抗体产品
基因名称	PRKAB2
推荐应用	IHC-P, WB
反应种属	Human, Mouse, Rat
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	5565
Human Swissprot No.	O43741
免疫原	Synthesized peptide derived from human AMPK β 2
稀释度	IHC-P 1:50-200, WB 1:1000-2000
预测分子量	30kDa
运输及保存条件	-20°C/1 year
宿主	Mouse
背景介绍	The protein encoded by this gene is a regulatory 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. This subunit may be a positive regulator of AMPK activity. It is highly expressed in skeletal muscle and thus may have tissue-specific roles. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2013],
细胞定位	nucleoplasm, cytosol, nucleotide-activated protein kinase complex,
纯化	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Clonality	Monoclonal