

小鼠抗 PRKAA1 单克隆抗体

中文名称:	小鼠抗 PRKAA1 单克隆抗体
英文名称:	Anti-PRKAA1 mouse monoclonal antibody
别名:	Protein kinase; AMP-activated; alpha 1 catalytic subunit; AMPK; AMPKa1
相关类别:	一抗
储存:	冷冻 (-20℃)
宿主:	Mouse
抗原:	PRKAA1
反应种属:	Human, Mouse
标记物:	Unconjugate
克隆类型:	mouse monoclonal

技术规格

Background:	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.
Applications:	WB, IHC
Name of antibody:	PRKAA1
Immunogen:	Fusion protein of human PRKAA1

Full name:	Protein kinase, AMP-activated, alpha 1 catalytic subunit
Synonyms:	AMPK; AMPKa1
SwissProt:	Q13131
IHC positive control:	Human esophagus cancer and Human gastric cancer
IHC Recommend dilution:	100-500
WB Predicted band size:	64 kDa
WB Positive control:	Jurkat, 231 and NIH/3T3 cell lysates
WB Recommended dilution:	500-2000



