

兔抗 PRKAB1 多克隆抗体

中文名称：兔抗 PRKAB1 多克隆抗体

英文名称：Anti-PRKAB1 rabbit polyclonal antibody

别名：AMPK, HAMPKb

相关类别：一抗

储存：冷冻（-20℃）

宿主：Rabbit

抗原：PRKAB1

反应种属：Human, Mouse, Rat

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

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. The myristoylation and phosphorylation of this subunit have been shown to affect the enzyme activity.

	me activity and cellular localization of AMPK. This subunit may also serve as an adaptor molecule mediating the association of the AMPK complex.
Applications:	ELISA, IHC
Name of antibody:	PRKAB1
Immunogen:	Synthetic peptide of human PRKAB1
Full name:	protein kinase, AMP-activated, beta 1 non-catalytic subunit
Synonyms :	AMPK, HAMPKb
SwissProt:	Q9Y478
ELISA Recommended dilution:	1000-2000
IHC positive control:	Human stomach cancer and Human liver cancer
IHC Recommend dilution:	10-50

