

兔抗 PRKAA1/PRKAA2(Phospho-Thr183/Thr172) 多克隆抗体

- 中文名称：兔抗 PRKAA1/PRKAA2(Phospho-Thr183/Thr172)多克隆抗体
- 英文名称：Anti-PRKAA1/PRKAA2(Phospho-Thr183/Thr172) rabbit polyclonal antibody
- 别名：AMPK; AMPKa1
- 相关类别：一抗
- 储存：冷冻（-20℃）避光
- 宿主：Rabbit
- 抗原：PRKAA1/PRKAA2(Phospho-Thr183/Thr172)
- 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 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-C

	oA 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.
Applications:	WB, IHC
Name of antibody:	PRKAA1/PRKAA2(Phospho-Thr183/Thr172)
Immunogen:	Peptide sequence around phosphorylation site of threonine 183/threonine172(L-R-T(p)-S-C) derived from Human AMPK α 1/AMPK α 2.
Full name:	protein kinase AMP-activated catalytic subunit alpha 1/ protein kinase AMP-activated catalytic subunit alpha 2
Synonyms:	AMPK; AMPK α 1; AMPK2; PRKAA; AMPK α 2
SwissProt:	Q13131/P54646
IHC positive control:	Human lung carcinoma tissue
IHC Recommend dilution:	50-100
WB Predicted band size:	64 kDa
WB Positive control:	C2C12 cells lysates treated with serum or calf intestinal phosphatase(CIP)
WB Recommended dilution:	500-1000



