

AMPK α 1 (phospho-Ser485) rabbit pAb

Catalog_no :	AP1259
Applications :	WB
Reactivity :	Human,Mouse,Rat
Category :	抗原抗体
Size :	100 μ g/50 μ g/20 μ g
Gene_name :	PRKAA1 AMPK1
Protein_name :	AMPK α 1 (Ser485)
Humangene_id :	5562
Humanswissprot_no :	Q13131
Mousegene_id :	105787
Mouseswissprot_no :	Q5EG47
Ratgene_id :	65248
Ratswissprot_no :	P54645
Immunogen :	Synthesized phosho peptide around human AMPK α 1 (Ser485)
Specificity :	This antibody detects endogenous levels of Human Mouse Rat AMPK α 1 (phospho-Ser485)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability :	-20°C/1 year
Other_name :	5'-AMP-activated protein kinase catalytic subunit alpha-1 (AMPK subunit alpha-1) (EC 2.7.11.1) (Acetyl-CoA carboxylase kinase) (ACACA kinase) (EC 2.7.11.27)

(Hydroxymethylglutaryl-CoA reductase kinase) (HMGCR kinase) (EC 2.7.11.31) (Tau-protein kinase PRKAA1) (EC 2.7.11.26)

Molecular Weight : 65KD

Background : protein kinase AMP-activated catalytic subunit alpha 1(PRKAA1) Homo sapiens 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. [provided by RefSeq, Jul 2008],
