

Antibodies Product Datasheet

Product Name:	AMPK α 1/2 (Phospho-Thr183/172) Antibody
Catalog Number:	A0003
Reactivity:	Human, Mouse, Rat, Monkey, Pig
Applications:	IF/ICC, WB, IHC-p, ELISA
Dilutions:	IF: 1:50-200 Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.
Modification:	Phospho Specific
Source:	Polyclonal Rabbit
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen:	The antiserum was produced against synthesized peptide derived from human AMPK alpha around the phosphorylation site of Thr172. AA range:140-189
Concentration:	1 mg/ml
Gene Name:	AAPK1/AAPK2
Protein Name:	5'-AMP-activated protein kinase catalytic subunit alpha-1/2
Other Name:	PRKAA1; AMPK1; 5'-AMP-activated protein kinase catalytic subunit alpha-1; AMPK subunit alpha-1; Acetyl-CoA carboxylase kinase; ACACA kinase; Hydroxymethylglutaryl-CoA reductase kinase; HMGCR kinase; Tau-protein kinase PRKAA1; PRKAA2; AMPK;
Human Swiss Prot No.:	Q13131/P54646
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Specificity:	Phospho-AMPK α 1/2 (T183/172) Polyclonal Antibody detects endogenous levels of AMPK α 1/2 protein only when phosphorylated at T183/172.
Storage and Stability:	-20°C/1 year