

## Antibodies Product Datasheet

<b>Product Name:</b>	AMPK $\alpha$ 1 (Phospho-Ser496) Antibody
<b>Catalog Number:</b>	A7007
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Applications:</b>	WB, IHC-p, IF(paraffin section), ELISA
<b>Dilutions:</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Modification:</b>	Phospho Specific
<b>Source:</b>	Polyclonal Rabbit
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Immunogen:</b>	The antiserum was produced against synthesized peptide derived from human AMPK1 around the phosphorylation site of Ser496. AA range:451-500
<b>Concentration:</b>	1 mg/ml
<b>Gene Name:</b>	PRKAA1
<b>Protein Name:</b>	5'-AMP-activated protein kinase catalytic subunit alpha-1
<b>Other Name:</b>	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
<b>Human Swiss Prot No.:</b>	Q13131
<b>Formulation:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Specificity:</b>	Phospho-AMPK $\alpha$ 1 (S496) Polyclonal Antibody detects endogenous levels of AMPK $\alpha$ 1 protein only when phosphorylated at S496.
<b>Storage and Stability:</b>	-20°C/1 year