



## AMPK $\alpha$ 1/2 (phospho Thr183/172) rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (kD):
A10557	Rabbit	1 mg/ml	63 kD
<b>Applications</b>	IF, WB, IHC, ELISA		
<b>Reactivity</b>	Human, Mouse, Rat, Monkey, Pig		
<b>Dilution</b>	IF: 1:50-200 WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/40000. Not yet tested in other applications.		
<b>Storage</b>	-20°C/1 year		
<b>Specificity</b>	Phospho-AMPK $\alpha$ 1/2 (T183/172) Polyclonal Antibody detects endogenous levels of AMPK $\alpha$ 1/2 protein only when phosphorylated at T183/172.		
<b>Source / 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 AMPK alpha around the phosphorylation site of Thr172. AA range:140-189		
<b>Uniprot No</b>	Q13131/P54646		
<b>Alternative names</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; PRKAA2; AMPK;		
<b>Form</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
<b>Clonality</b>	Polyclonal		
<b>Isotype</b>			
<b>Conjugation</b>			
<b>Background</b>	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		
<b>Other</b>	Gene_name: AAPK1/AAPK2 ; Protein_name: 5'-AMP-activated protein kinase catalytic subunit alpha-1/2; Expression: Brain, Intestine, Liver, Mammary gland, Platelet, Testis		
<b>Product Images</b>	<input type="checkbox"/>		

**Application Key:**

W-Western IP-Immunoprecipitation IHC-Immunohistochemistry CHIP-Chromatin Immunoprecipitation  
IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

**Species Cross-Reactivity Key:**

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster  
X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All  
Species Expected

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**Regulatory Disclaimer**

*For life science research only. Not for use in diagnostic procedures.*

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