

**AMPK a1 protein**

<b>Catalog No :</b>	YD0006
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB;SDS-PAGE
<b>Gene Name :</b>	PRKAA1
<b>Protein Name :</b>	AMPK a1 protein
<b>Sequence :</b>	Amino acid: 264-406, with his-MBP tag.
<b>Human Gene Id :</b>	5562
<b>Human Swiss Prot No :</b>	Q13131
<b>Mouse Swiss Prot No :</b>	Q5EG47
<b>Formulation :</b>	Liquid in PBS
<b>Source :</b>	E.coli
<b>Dilution :</b>	WB 1:500-2000
<b>Concentration :</b>	SDS-PAGE >90%
<b>Storage Stability :</b>	-20°C/6 month,-80°C for long storage
<b>Function :</b>	MAPKKK cascade, activation of MAPK activity, response to hypoxia, monosaccharide metabolic process, glucose metabolic process, protein amino acid phosphorylation, fatty acid metabolic process, fatty acid biosynthetic process,steroid biosynthetic process, cholesterol biosynthetic process, phosphorus metabolic process, phosphate metabolic process, intracellular signaling cascade, protein kinase cascade, steroid metabolic process, cholesterol metabolic process, lipid biosynthetic process, negative regulation of biosynthetic process, positive regulation of biosynthetic process, regulation of cellular ketone metabolic process, positive regulation of steroid biosynthetic process, organic acid biosynthetic process, sterol metabolic process, sterol biosynthetic

process, phosphorylation, regulation of lipid metabolic process, regulation of fatty acid metabolic process, regulation of steroid metab

**Subcellular  
Location :**

Cytoplasm . Nucleus . In response to stress, recruited by p53/TP53 to specific promoters. .

## Products Images

