

AMPK a1 protein

Catalog No :	YD0005
Reactivity :	Human
Applications :	WB;SDS-PAGE
Gene Name :	PRKAA1
Protein Name :	AMPK a1 protein
Sequence :	Amino acid: 1-78, with his-MBP tag.
Human Gene Id :	5562
Human Swiss Prot No :	Q13131
Mouse Swiss Prot No :	Q5EG47
Formulation :	Liquid in PBS
Source :	E.coli
Dilution :	WB 1:500-2000
Concentration :	SDS-PAGE >90%
Storage Stability :	-20°C/6 month,-80°C for long storage
Function :	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. .

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