

## AMPK $\alpha 2$ protein

CatalogNo: YD0014

### | Key Features

#### Reactivity

- Human

#### Applications

- WB, SDS-PAGE

### | Recommended Dilution Ratios

WB 1:500-2000

### | Storage

**Storage\*** -20°C/6 month, -80°C for long storage

**Formulation** Liquid in PBS

### | Basic Information

**Source** E.coli

**Purification** E.coli

**Purity** SDS-PAGE >90%

### | Immunogen Information

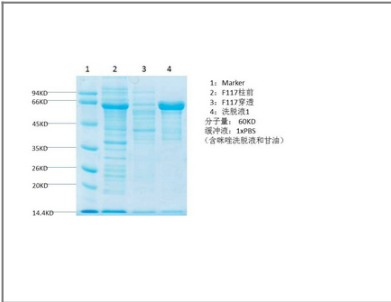
**Sequence** Amino acid: 252-321, with his-MBP tag.

### | Target Information

**Gene name** PRKAA2

Protein Name	AMPK a2 protein		
	Organism	Gene ID	UniProt ID
	Human	<a href="#">5563;</a>	<a href="#">P54646;</a>
	Mouse		<a href="#">Q8BRK8;</a>
Cellular Localization	Cytoplasm . Nucleus . In response to stress, recruited by p53/TP53 to specific promoters. .		
Function	protein complex assembly, protein amino acid phosphorylation, fatty acid metabolic process, fatty acid biosynthetic process, steroid biosynthetic process, cholesterol biosynthetic process, phosphorus metabolic process, phosphate metabolic process, steroid metabolic process, cholesterol metabolic process, lipid biosynthetic process, regulation of cellular ketone metabolic process, organic acid biosynthetic process, sterol metabolic process, sterol biosynthetic process, phosphorylation, regulation of lipid metabolic process, regulation of fatty acid metabolic process,macromolecular complex subunit organization, regulation of fatty acid oxidation, carboxylic acid biosynthetic process,protein oligomerization, protein heterooligomerization, macromolecular complex assembly, protein complex biogenesis,		

Validation Data



Contact information

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**AMPK a2 protein**