

## Phospho-AMPK alpha (T172) Rabbit monoclonal antibody

Catalog: BS40188

Host: Rabbit

Reactivity: Human Mouse Rat

### BackGround:

AMP-activated protein kinase (AMPK) is highly conserved from yeast to plants and animals and plays a key role in the regulation of energy homeostasis. AMPK is a heterotrimeric complex composed of a catalytic  $\alpha$  subunit and regulatory  $\beta$  and  $\gamma$  subunits, each of which is encoded by two or three distinct genes ( $\alpha 1, 2$ ;  $\beta 1, 2$ ;  $\gamma 1, 2, 3$ ).

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

### Molecular Weight:

62kDa

### Swiss-Prot:

Q13131/P54646

### Purification&Purity:

Affinity-chromatography

### Applications:

WB 1:500~1:2000

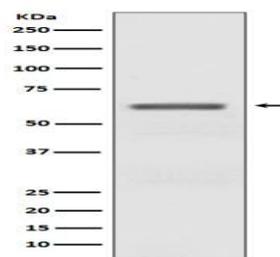
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

Phospho-AMPK alpha (T172) Antibody detects endogenous levels of Phospho-AMPK alpha (T172)

### DATA:



Western blot analysis of Phospho-AMPK alpha (T172) expression in Mouse heart lysate.

### Note:

For research use only, not for use in diagnostic procedure.

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