

# Anti-Phospho-AMPK alpha (Thr172) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100619-01	50 µl
A100619-02	100 µl

<b>Specificity</b>	Anti- Phospho-AMPK alpha (Thr172) (human mouse rat)
<b>Source</b>	Rabbit Polyclonal
<b>Application</b>	WB IHC
<b>Form</b>	Liquid, 1 mg/ml

## Product

**Swiss-Prot No.:** Q13131/P54646

**Other Names:** 5'-AMP-activated protein kinase catalytic subunit alpha-2; 5'-AMP-activated protein kinase, catalytic alpha-2 chain; AAPK2; AMPK; AMPK subunit alpha-2; AMPK-alpha-2 chain; AMPK2; PRKAA; PRKAA2; protein kinase, AMP-activated, alpha 2 catalytic subunit

## Specificity and Sensitivity

Phospho-AMPK alpha (Thr172) Antibody detects endogenous levels of AMPK alpha only when phosphorylated at Threonine 172.

## Source and Purification

A synthesized peptide derived from human AMPK alpha around the phosphorylation site of Threonine 172.

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

WB: 1:500~1:3000 IHC: 1:50~1:200

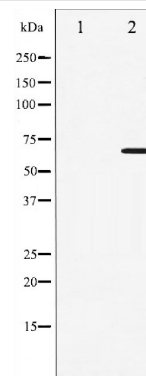
## Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

## Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

## Images



Western blot analysis of AMPK alpha phosphorylation expression in Heatshock treated 293 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.

## Related Products

PW001: Super ECL Assay kit

E030120 : HRP, Goat Anti-Rabbit IgG(H+L)

E030220 : AP, Goat Anti-Rabbit IgG(H+L)

E021010: Anti-GAPDH Mouse Monoclonal Antibody

E021020: Anti-beta Actin Mouse Monoclonal Antibody

E022330: Anti-His Tag Mouse Monoclonal Antibody-HRP