

**Phospho-AMPK alpha 1/2 (Thr183/Thr172) polyclonal antibody**

Catalog: BZ16374

Host: Rabbit

Reactivity: Human, Mouse, Rat, Monkey, Pig

**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:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Molecular Weight:**

Calculated MW: 64 kDa; Observed MW: 64 kDa

**Swiss-Prot:**

Q13131/P54646

**Purification&Purity:**

Affinity Purified

**Applications:**

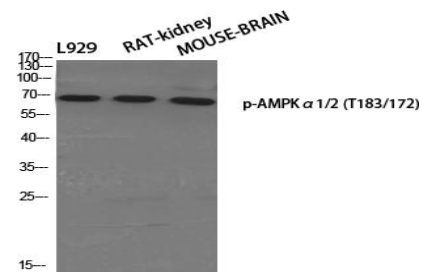
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200  
ELISA: 1/10000

**Storage&Stability:**

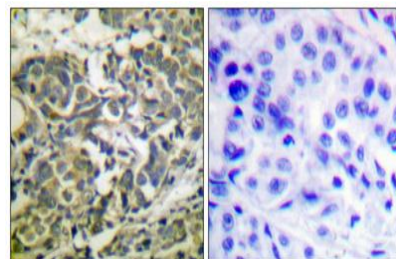
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Western blot analysis of Phospho-AMPK alpha 1/2 in various lysates using Phospho-AMPK alpha 1/2 antibody.



Western blot analysis of Phospho-AMPK alpha 1/2 in KB lysates using Phospho-AMPK $\alpha$ 1/2 antibody.

Western blot analysis of Phospho-AMPK alpha 1/2 in rat muscle heart using Phospho-AMPK alpha 1/2 antibody.

Western blot analysis of Phospho-AMPK alpha 1/2 in rat muscle lysates using Phospho-AMPK alpha 1/2 antibody.

**Note:**

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

**Bioworld Technology, Inc.**

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

**Bioworld technology, co. Ltd.**

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151