

Phospho-AMPK alpha 1 (Ser496) Antibody

| | |
|-------------------|---|
| Cat. No.: | HY-P80790 |
| Synonyms: | Phospho-AMPK alpha 1 (Ser496) Antibody is a non-conjugated and Rabbit originated polyclonal antibody about 64 kDa, targeting to Phospho-AMPK alpha 1 (Ser496). It can be used for WB,IHC-P,ICC/IF assays with tag free, in the background of Human, Mouse, Rat. |
| Host: | Rabbit |
| Reactivity: | Human,Mouse,Rat |
| Conjugation: | Non-conjugated |
| SwissProt ID: | Q13131 |
| Research Field: | Neuroscience |
| Molecular Weight: | Predicted band size: 64 kDa |

PROPERTIES

| | | |
|------------------------------|--|----------------|
| Formulation | Supplied in 1*PBS (pH 7.3), 50% glycerol and 0.5% BSA. Preservative: 0.02% sodium azide. | |
| Purity | affinity purified | |
| Storage & Stability | Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles. | |
| Appearance | Liquid | |
| Application & Dilution Ratio | Application | Dilution Ratio |
| | WB | 1:500-1:1,000 |
| | IHC | 1:50-1:100 |
| | IF | 1:50-1:200 |
| Shipping | Shipping with blue ice. | |

DESCRIPTION

| | |
|------------|--|
| Background | AMPK alpha 1: The protein encoded by this gene belongs to the ser/thr protein kinase family. It is the catalytic subunit of the 5'-prime-AMP-activated protein kinase (AMPK). AMPK is a cellular energy sensor conserved in all eukaryotic cells. The kinase activity of AMPK is activated by the stimuli that increase the cellular AMP/ATP ratio. AMPK regulates the activities of a number of key metabolic enzymes through phosphorylation. It protects cells from stresses that cause ATP depletion by switching off ATP-consuming biosynthetic pathways. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008] |
|------------|--|

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA