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| Cat. No: | ABP-0883 |
| Conjugate: | Unconjugated |
| Size: | 100 ug |
| Clone: | Poly |
| Concentration: | 1mg/ml |
| Host: | Rb |
| Isotype: | IgG |
| Immunogen: | A phospho specific peptide corresponding to residues surrounding T172 of human AMPK α |
| Reactivity: | Hu,Rt |
| Applications: | WB |
| Molecular Weight: | 64kDa |
| Purification: | Affinity purification |
| Synonyms: | AMPK α 1/AMPK α 2 |
| Background: | <p>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.</p> |
| Form: | liquid |
| Buffer: | PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Storage: | Store at -20°C. Avoid freeze / thaw cycles |

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