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| Product name: | AMPK beta 1 Rabbit Polyclonal Antibody |
| Cat number: | ABN01389 |
| Conjugate: | Unconjugated |
| Size: | 100 μ L |
| Clone: | Polyclonal |
| Concentration: | 1mg/ml |
| Host: | Rabbit |
| Isotype: | IgG |
| Immunogen: | A synthetic peptide of human AMPK beta 1 |
| Reactivity: | Human,Mouse,Rat |
| Applications: | WB 1:500-1:1000,IHC 1:50-1:100,FC 1:50-1:100,IP 1:20-1:50 |
| Molecular Weight: | Calculated MW: 30 kDa; Observed MW: 38 kDa |
| Purification: | Affinity Purification |
| Form: | Liquid |
| Buffer: | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles. |
| 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 α subunit and regulatory β and γ subunits, each of which is encoded by two or three distinct genes (α 1, 2; β 1, 2; γ 1, 2, 3). |