

AMPK α 1 Rabbit Polyclonal Antibody(F105)

Catalog No: RA20117

Basic Information

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| Host species | Rabbit |
| Applications | WB |
| Species Cross-Reactivity | H, R, M |
| Specificity | Antibody can detects endogenous AMPK α 1 protein. |
| Recommended dilutions | WB: 1:1,000-2,000 Optimal dilutions should be determined by the end user. |

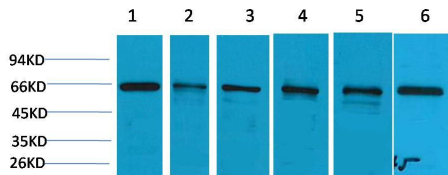
Applications

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| Formulation | PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Concentration | 1 mg/ml |
| Clonality | Polyclonal |

Background

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| Alternative Names | AAPK1, 5 AMP activated protein kinase alpha 1 catalytic subunit, PRKAA1, SNF1A, MGC33776 |
| Observed band | 63 |
| Human Gene ID | 5562 |
| Human Swiss-Prot Number | Q13131 |
| 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). |

Selected Validation Data



Western blot analysis of 1) Hela, 2)293T, 3)C2C12, 4)3T3, 5) Rat Heart, 6) Rat Brain, with AMPK α 1 Rabbit pAb diluted at 1:2,000.