

AMPK α 1 Rabbit Polyclonal Antibody(F105)

Catalog No.: RA20117

Basic Information

Information

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|----------------------------|--|
| Reactivity | H,M,R |
| Immunogen | Recombinant Protein |
| Host | Rabbit |
| Isotype | IgG |
| Storage Buffer & Condition | 1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol. |
| Observed MW | 63KD |

Applications

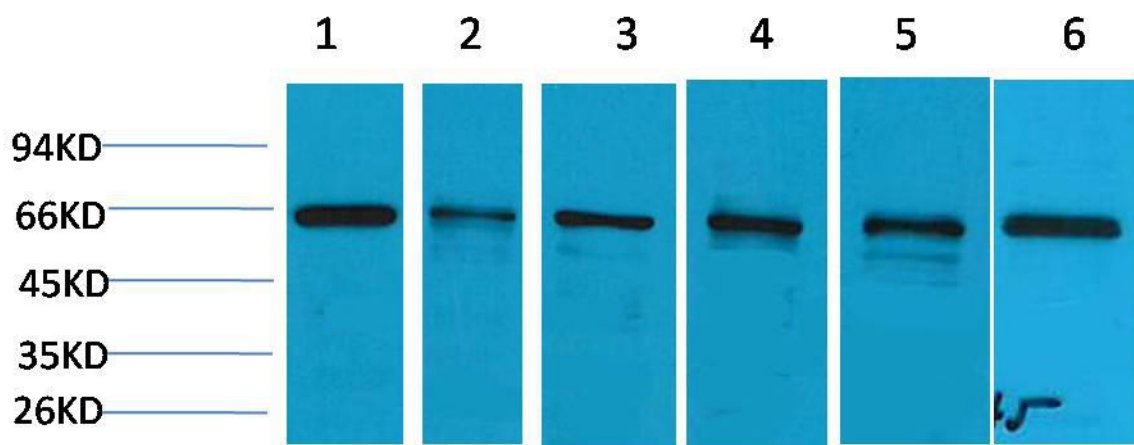
Recommended Dilution

| | |
|----|---------------|
| WB | 1:1,000-2,000 |
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Preparation & Storage

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| Storage | Store at -20°C. Stable for one year from the date of shipment. |
| Shipping | Bule Ice |

Experimental Data



Western blot analysis of 1)Hela, 2)293T, 3)C2C12, 4)3T3, 5)Rat Heart, 6)Rat Brain, with AMPK α1 Rabbit pAb diluted at 1:2,000.

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 ($\alpha 1,2$; $\beta 1,2$; $\gamma 1,2,3$).