

AMPK α 1 Rabbit Polyclonal Antibody(F106)

Catalog TDY408C TDY408F
Quantity 50 μ L 100 μ L

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Web: www.tdybio.com
Entrez-Gene ID:5562, Swiss-Prot Acc.Q13131

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H, R, M	63KD	IgG

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.
Store at **-20°C**. **Do not aliquot the antibody.**

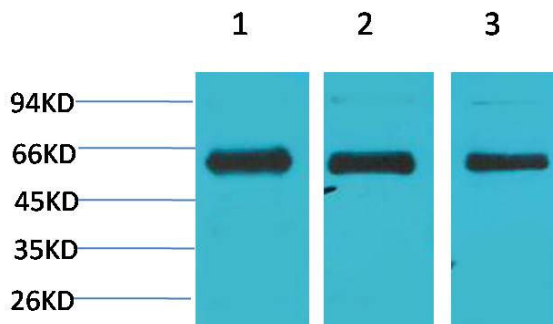
Recommended dilutions: WB: 1:500-1,000 IHC: 1:200-500

Optimal dilutions should be determined by the end user.

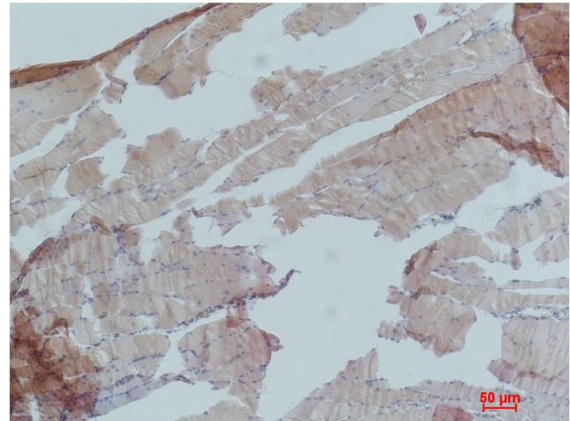
Specificity: Antibody can detects endogenous AMPK α 1 protein.

Alternative Names: AAPK1, 5 AMP activated protein kinase alpha 1 catalytic subunit, PRKAA1, SNF1A, MGC33776

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).



Western blot analysis of 1) Hela, 2)3T3, 3)PC12 with AMPK α 1 Rabbit pAb TDY408 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Mouse Skeletal Muscle Tissue using AMPK α 1 (TDY408) Mouse mAb diluted at 1:500.