

AMPK α 2 Rabbit Polyclonal Antibody(F119)

Catalog No: RA20118

Basic Information

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

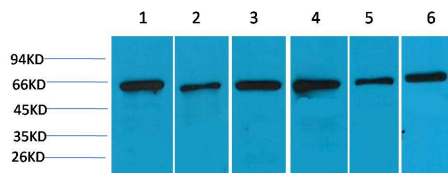
Applications

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

Alternative Names	5 AMP activated protein kinase catalytic subunit alpha-2, AAPK2, AMPK2, PRKAA2
Observed band	62
Human Gene ID	5563
Human Swiss-Prot Number	P54646
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 a 2 Rabbit pAb TDY338 diluted at 1:2,000.