

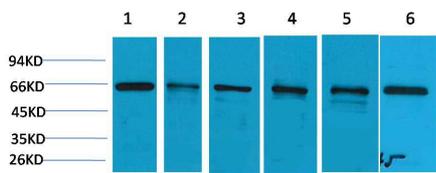


ELK Biotechnology

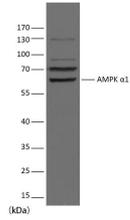
AMPK α 1 Rabbit pAb
Catalog NO.: EA160
For research use only.

Overview

Product name	AMPK α 1 Rabbit polyclonal antibody
Source	Rabbit
Applications	WB
Species reactivity	Human, Rat, Mouse
Recommended dilutions	WesternBlot:1/1000-2000 NOTE: Optimal dilutions should be determined by the end user.
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	63kDa
GeneID (Human)	5562
Human Swiss-Prot No.	Q13131
Cellular localization	Cytoplasm, Nucleus
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)293T, 3)C2C12, 4)3T3, 5) Rat Heart, 6) Rat Brain, with AMPK α 1 Rabbit pAb EA160 diluted at 1:2,000.



Western blot analysis of extracts from Rat Kidney using AMPK α 1 diluted at 1:2,000.