
Product Name: AMPK gamma 1 Rabbit Monoclonal Antibody**Catalog #: AMRe02896**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.63mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 38 kDa; Observed MW: 38 kDa

Antigen Information

Gene Name	PRKAG1
Alternative Names	AMPKG
Gene ID	5571
SwissProt ID	P54619
Immunogen	A synthetic peptide of human AMPK gamma 1

Background

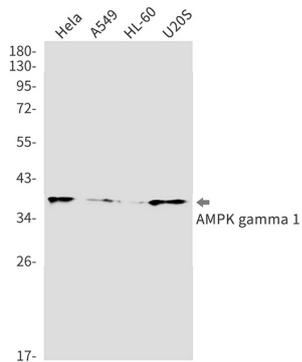
AMPK is highly conserved from yeast to plants and animals and plays a key role in the regulation of energy homeostasis. Accumulating evidence indicates that AMPK not only regulates the metabolism of fatty acids and glycogen, but

also modulates protein synthesis and cell growth through EF2 and TSC2/mTOR pathways, as well as blood flow via eNOS/nNOS.

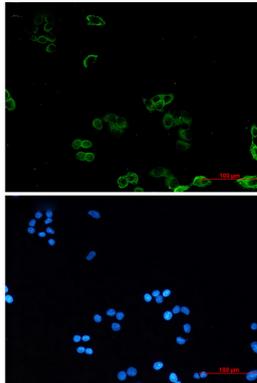
Research Area

Cardiovascular

Image Data



Western blot analysis of AMPK gamma 1 in HeLa, A549, HL-60, U2OS lysates using AMPK gamma 1 antibody.



Immunocytochemistry analysis of AMPK gamma 1 (green) in HeLa using AMPK gamma 1 antibody, and DAPI (blue)