

Anti-AMPK gamma 1 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R011259

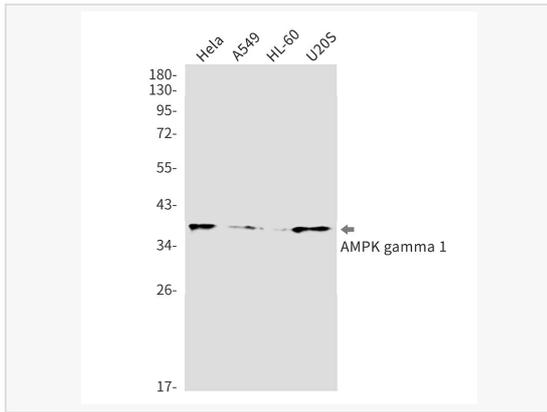
Product Information

Application	IP, ELISA, WB, ICC/IF (Cell)
Reactivity	Human
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	45K75K29
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide of human AMPK gamma 1
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-AMPK gamma 1 antibody [45K75K29] is for research use only and not for use in diagnostic or therapeutic procedures.

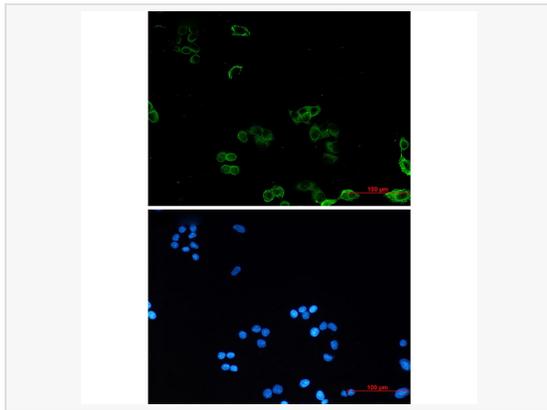
Protein Information

Synonyms	AMPKG.
Calculated MW	Calculated MW: 38 kDa; Observed MW: 38 kDa
Uniprot ID	P54619
Gene ID	5571
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.

Validation Images



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)