

AMPK GAMMA 1 RABBIT MAB**Cat.#:** N263217**Product Name:** Anti-AMPK gamma 1 Rabbit Monoclonal Antibody**Synonyms:** AMPKG**UNIPROT ID:** P54619

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.

Immunogen: A synthetic peptide of human AMPK gamma 1

Applications: WB, ICC/IF, IP

Recommended Dilutions: WB: 1/500–1/1000 IF: 1/50–1/200 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R05–2F6

MW: Calculated MW: 38 kDa; Observed MW: 38 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

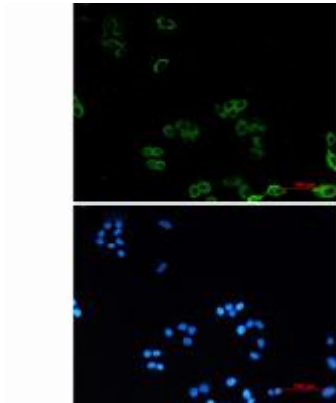
Conjugation: Unconjugated

Modification: Unmodified

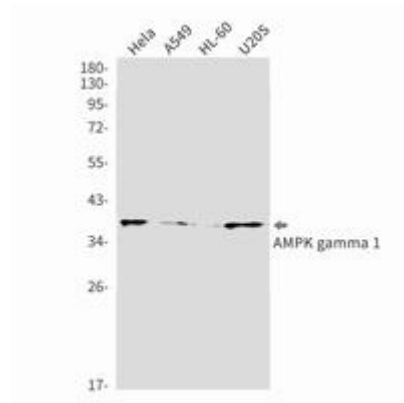
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cardiovascular

Storage & Shipping: Store at –20°C. Avoid repeated freezing and thawing



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



Western blot analysis of AMPK gamma 1 in Hela, A549, HL-60, U20S lysates using AMPK gamma 1 antibody.