

Product Datasheet

AMPK gamma 1 Antibody

Catalog No: CY5777

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IP FC



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Information

UniProt ID: P54619

All Names: 5' AMP activated protein kinase gamma 1 subunit; AMP activated protein kinase noncatalytic gamma 1 subunit; AMPK gamma 1 chain; AMPK gamma1; AMPK subunit gamma-1; AMPKg; PRKAG1; Protein kinase AMP activated gamma 1 non catalytic subunit;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 38 kDa

Application

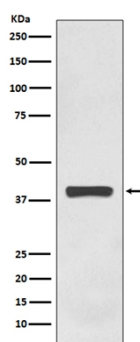
WB 1:1000~1:2000

IP 1:20

FC 1:20

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.



Western blot analysis of AMPK gamma 1 expression in HEK293 cell lysate.

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