

AMPK gamma-1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252051

Unit: 0.1 mg

Description:

AMPK is responsible for the regulation of fatty acid synthesis by phosphorylation of acetyl-CoA carboxylase. Also regulates cholesterol synthesis via phosphorylation and inactivation of hydroxymethylglutaryl-CoA reductase and hormone-sensitive lipase. AMPK is heterotrimer composed of an alpha, beta, and gamma subunit. AMPK gamma-1 belongs to the 5'-AMP-activated protein kinase gamma subunit family.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M, R

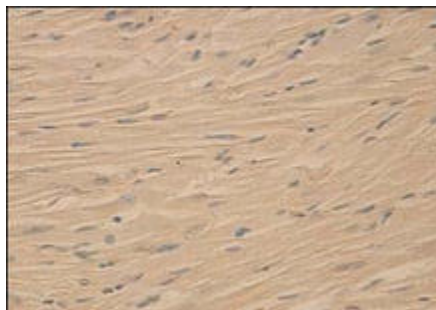
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.5% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: 5'-AMP-activated protein kinase subunit gamma-1; AMPK subunit gamma-1; AMPK gamma1; AMPKg; PRKAG1

Accession No.: P54619

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AMPK gamma-1.

Application Notes: E: 1:5,000-1:20,000; WB: 1:100-1:500; IHC: 1:100-1:500



AMPK gamma-1 staining in rat heart. Paraffin-embedded rat heart is stained with AMPK gamma-1 Antibody (Cat. No. 252051) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.