

Recombinant

DGRmAb®

AMPK gamma 1 (DGR19961) Rabbit mAb

db14570

Package : 10µL 20µL 50µL 100µL

Product Name : AMPK gamma 1 (DGR19961) Rabbit mAb**Cat.No.:** db14570**Synonyms :** AMPKG**Application :** WB, FC, IP**Reactivity :** Human, Mouse, Rat**Host species :** Rabbit**Background**

The protein encoded by this gene is a regulatory subunit of the AMP-activated protein kinase (AMPK). AMPK is a heterotrimer consisting of an alpha catalytic subunit, and non-catalytic beta and gamma subunits. AMPK is an important energy-sensing enzyme that monitors cellular energy status. In response to cellular metabolic stresses, AMPK is activated, and thus phosphorylates and inactivates acetyl-CoA carboxylase (ACC) and beta-hydroxy beta-methylglutaryl-CoA reductase (HMGCR), key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. This subunit is one of the gamma regulatory subunits of AMPK. Alternatively spliced transcript variants encoding distinct isoforms have been observed. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human AMPK gamma 1

Gene ID

5571

Swiss Prot

P54619

Synonyms

AMPKG

Reactivity

Human, Mouse, Rat

Application

WB, FC, IP

Recommended dilution

WB: 1:1000

FC: 1:20

IP: 1:20

Calculated MW

38 kDa

Observed MW

38 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR19961

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
	<div> <div>□</div> <div>Western blot detection of AMPK gamma 1 in CHO-K1,C6,Jurkat cell lysates using AMPK gamma 1 antibody(1:500 diluted).</div> </div>
	<div> <div>□</div> <div>Western blot analysis of extracts from Rat heart, Mouse brain tissue using db14570 at 1:1000.</div> </div>