

## AMPK gamma 1 Recombinant Rabbit mAb

Catalog: BS46239

Host: Rabbit

Reactivity: Human, Mouse, Rat

### 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]

### Product:

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.

### Molecular Weight:

38 kDa

### Swiss-Prot:

P54619

### Purification&Purity:

Affinity Purification

### Applications:

WB: 1:1000&lt;br /&gt;FC: 1:20&lt;br /&gt;IP: 1:20

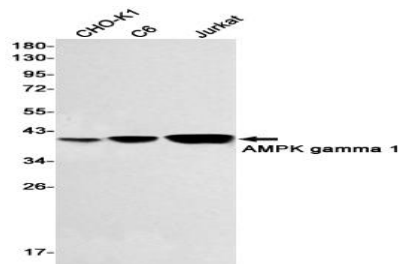
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot detection of AMPK gamma 1 in CHO-K1,C6,Jurkat cell lysates using AMPK gamma 1 antibody(1:500 diluted).

### Note:

For research use only, not for use in diagnostic procedure.

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