

Recombinant

DGRmAb®

AMPK gamma 1 (DGR31668) Rabbit mAb (PBS Only)

db11349-PBS

Package : 100µg

Product Name : AMPK gamma 1 (DGR31668) Rabbit mAb (PBS Only)**Cat.No.:** db11349-PBS**Synonyms** : AMPKG**Application** : WB, IHC-P**Reactivity** : Human**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

Application

WB, IHC-P

Recommended dilutionWB: 1:1000
IHC-P: 1:100-1:200**Calculated MW**

38 kDa

Observed MW

38 kDa

Host species

Rabbit

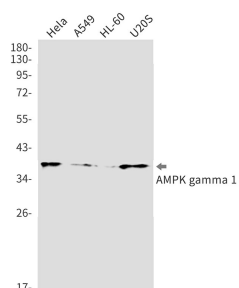
Clonality

Monoclonal

Clonality No.

DGR31668

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of AMPK gamma 1 in HeLa, A549, HL-60, U2OS cell lysates using [db11349](#) (1:1000 diluted).