

À des fins de recherche uniquement

Anticorps Monoclonal anti-AMPK Gamma 1



Numéro de catalogue: 67182-1-Ig **Phare**

Informations de base

Numéro de catalogue: 67182-1-Ig	Numéro d'acquisition GenBank: BC000358	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5571	CloneNo.: 1E11D4
Hôte: Mouse	Nom complet: protein kinase, AMP-activated, gamma 1 non-catalytic subunit	Dilutions recommandées: WB 1:5000-1:20000
Isotype: IgG1	MW calculé 38 kDa	
Immunogen Catalog Number: AG28907	MW observés: 36-38 kDa	

Applications

Applications testées:
WB, ELISA
Spécificité de l'espèce:
Humain, rat, souris

Contrôles positifs:

WB : cellules HeLa, cellules HEK-293, cellules HepG2,
cellules HSC-T6, cellules Jurkat, cellules K-562,
cellules NIH/3T3, cellules PC-12, cellules RAW 264.7

Informations générales

Protein kinase, AMP-activated, gamma 1 non-catalytic subunit (PRKAG1, synonyms: AMPKG, MGC8666) is a regulatory subunit of the AMP-activated protein kinase (AMPK). AMPK is a heterotrimer consisting of a catalytic subunit, and non-catalytic and 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. AMPK gamma 1 is one of the gamma regulatory subunits of AMPK.

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

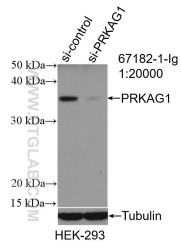
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

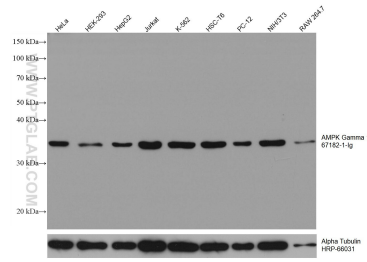
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



WB result of AMPK Gamma 1 antibody (67182-1-ig; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AMPK Gamma 1 transfected HEK-293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 67182-1-ig (AMPK gamma 1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.