

Nur für Forschungszwecke

AMPK Beta 2 Monoklonaler Antikörper

Katalog-Nr.:66579-1-Ig



Allgemeine Informationen

Katalog-Nr.: 66579-1-Ig	GenBank-Zugangsnummer: BC053610	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1200 µg/ml von5565 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 5565	CloneNo.: 2D5C1
Wirt: Maus	Vollständiger Name: protein kinase, AMP-activated, beta 2 non-catalytic subunit	Empfohlene Verdünnungen: WB 1:1000-1:3000 IF 1:400-1:1600
Isotyp: IgG1	Berechnete Masse: 30 kDa	
Immunogen Katalognummer: AG5806	Beobachtete Masse: 33 kDa	

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen: WB : A375-Zellen, A431-Zellen, A549-Zellen, HeLa-Zellen, humanes Hirngewebe, Maushirngewebe, Rattenhirngewebe
Getestete Reaktivität: Human, Maus, Ratte	IF : HeLa-Zellen,

Hintergrundinformationen

AMPK beta 2 is a regulatory subunit of the AMP-activated protein kinase (AMPK), which 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. AMPK beta 2 may be a positive regulator of AMPK activity. It is highly expressed in skeletal muscle and thus may have tissue-specific roles.

Lagerung

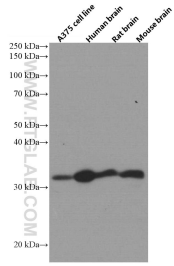
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

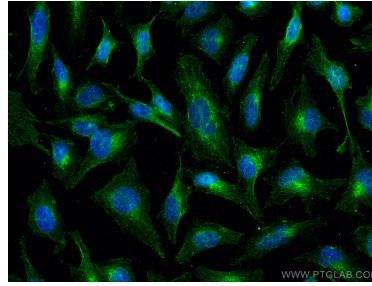
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 66579-1-Ig (AMPK beta 2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using AMPK Beta 2 antibody (66579-1-Ig, Clone: 2D5C1) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).