



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## PRKAB2 monoclonal antibody (M01), clone 2G9

Catalog # : H00005565-M01

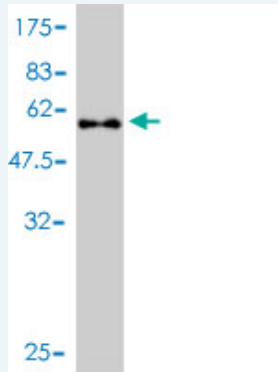
規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a full length recombinant PRKAB2.
<b>Immunogen:</b>	PRKAB2 (AAH53610, 1 a.a. ~ 272 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	MGNTTSDRVSGERHGAKAARSEGAGGHAPGKEHKIMVGSTDDPSVFSLPDSKLPGDKEFVSWQQDLEDSVKPTQQARPTVIRWSEGGKEVFISGSFNINWSTKIPLIKSHNDFVAILDLPEGEHQYKFFVDGQWVHDPSEPVWTSQLGTINNLIHVKKSDFEVFDALKLDSMESSETSCRDLSSPPGYPYQEMYAFRSEERFKSPILPPHLLQVILNKDTNISCDPALLPEPNHVMLNHLIALSIKDSVMVLSATHRYKKKYVTLLYKPI
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG2b kappa

**Quality Control Testing:** Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (55.66 KDa) .

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**MSDS:** [Download](#)

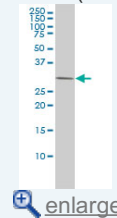
**Datasheet:** [Download](#)

### Applications

Western Blot (Cell lysate)

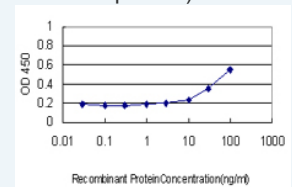
### Application Image

Western Blot (Cell lysate)

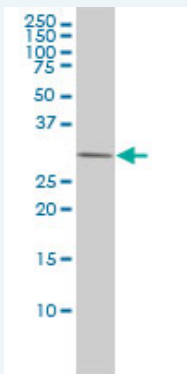


Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



ELISA



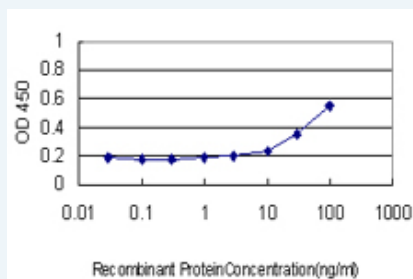
PRKAB2 monoclonal antibody (M01), clone 2G9 Western Blot analysis of PRKAB2 expression in HeLa ( Cat # L013V1 ).

[Protocol Download](#)

#### Western Blot (Recombinant protein)

[Protocol Download](#)

#### Sandwich ELISA (Recombinant protein)



Detection limit for recombinant GST tagged PRKAB2 is approximately 10ng/ml as a capture antibody.

[Protocol Download](#)

#### ELISA

#### Gene Information

Entrez GeneID: [5565](#)

GeneBank [BC053610](#)

Accession#:

Protein [AAH53610](#)

Accession#:

Gene Name: PRKAB2

Gene Alias: MGC61468

Gene Description: protein kinase, AMP-activated, beta 2 non-catalytic subunit

Omim ID: [602741](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** 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 may be a

positive regulator of AMPK activity. It is highly expressed in skeletal muscle and thus may have tissue-specific roles. [provided by RefSeq]

**Other Designations:** 5'-AMP-activated protein kinase, beta-2 subunit,AMP-activated protein kinase beta 2 non-catalytic subunit,AMPK beta 2,AMPK beta-2 chain,OTTHUMP00000015910

#### Gene Pathway

[Adipocytokine signaling pathway](#) [Hypertrophic cardiomyopathy \(HCM\)](#)  
[Insulin signaling pathway](#)

#### Related Disease

[Alzheimer Disease](#) [Alzheimer disease](#) [Atherosclerosis](#) [Calcinosis](#) [Cardiovascular Diseases](#)  
[Coronary Artery Disease](#) [Diabetes Complications](#) [Diabetes Mellitus](#)  
[Diabetes Mellitus, Type 2](#) [Drug Toxicity](#) [Edema](#) [Genetic Predisposition to Disease](#)  
[Metabolic Syndrome X](#) [Neoplasms](#) [Osteoporosis](#)

[服務條款](#) | [隱私權政策](#) | [著作及商標](#) | [網站地圖](#)

©2016 亞諾法生技股份有限公司 Abnova Corporation. 版權所有.