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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

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PRKAB2 polyclonal antibody (A01)

Catalog # : H00005565-A01

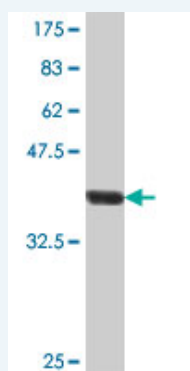
規格 : [50 uL]

[List All](#)

Specification

Product Description:	Mouse polyclonal antibody raised against a partial recombinant PRKAB2.
Immunogen:	PRKAB2 (NP_005390, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag.
Sequence:	MGNTTSDRVSGERHGAKAARSEGAGGHAPGKEHKIMVGSTDDPSVFSLPDSKLPGDKEFVSWQQDLEDSVKPTQQARPTVIRWSEGGKEVFISGSFNNWSTKIPLIKSHN
Host:	Mouse
Reactivity:	Human

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (38.21 kDa) .

Storage Buffer: 50 % glycerol

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

MSDS: [Download](#)

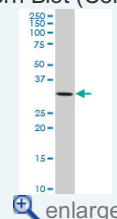
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

Application Image

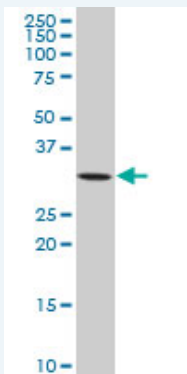
Western Blot (Cell lysate)



[enlarge](#)

Western Blot (Recombinant protein)

ELISA



PRKAB2 polyclonal antibody (A01), Lot # 060626JCS1 Western Blot analysis of PRKAB2 expression in HepG2 (Cat # L019V1).

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [5565](#)

GeneBank [NM_005399](#)

Accession#:

Protein [NP_005390](#)

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

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