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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 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00005565-D01P

規格 : [100 ug]

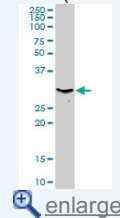
[List All](#)


Specification

Product Description:	Rabbit polyclonal antibody raised against a full-length human PRKAB2 protein.
Immunogen:	PRKAB2 (NP_005390.1, 1 a.a. ~ 272 a.a) full-length human protein.
Sequence:	MGNTTSDRVSGERHGAKAARSEGAGGHAPGKEHKIMVGSTDDPSVFSL PDSKLPGDKEFVSWQQDLEDSVKPTQQARPTVIRWSEGGKEVFISGSF NNWSTKIPLIKSHNDFVAILDLPEGEHQYKFFVDGQWVHDPSEPVVTSQL GTINNLIHVKKSDFEVFDALKLDSMESSETSCRDLSSPPGPYQGEMYAF RSEERFKSPPIPPHLLQVILNKDTNISCDPALLPEPNIHMLNHLIALSIKDS VMVLSATHRYKKKYVTTLLYKPI
Host:	Rabbit
Reactivity:	Human, Mouse
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
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

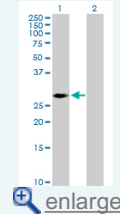
Application Image

Western Blot (Tissue lysate)



 [enlarge](#)

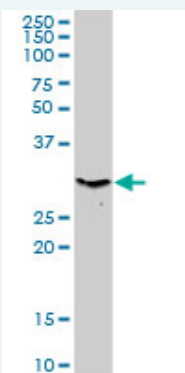
Western Blot (Transfected lysate)



 [enlarge](#)

Applications

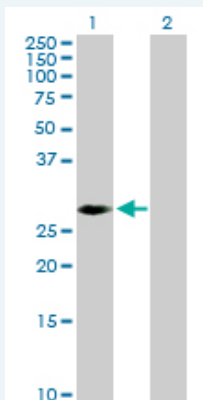
Western Blot (Tissue lysate)



PRKAB2 MaxPab rabbit polyclonal antibody. Western Blot analysis of PRKAB2 expression in mouse kidney.

 [Protocol Download](#)

Western Blot (Transfected lysate)



Western Blot analysis of PRKAB2 expression in transfected 293T cell line ([H00005565-T01](#)) by PRKAB2 MaxPab polyclonal antibody.

Lane 1: PRKAB2 transfected lysate(30.30 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5565](#)

GeneBank Accession#: [NM_005399](#)

Protein Accession#: [NP_005390.1](#)

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](#)

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[Coronary Artery Disease](#) [Diabetes Complications](#) [Diabetes Mellitus](#)
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