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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRKAB1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00005564-D01P

規格 : [100 ug]

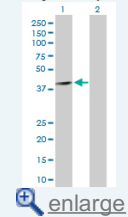
[List All](#)

Specification

Product Description:	Rabbit polyclonal antibody raised against a full-length human PRKAB1 protein.
Immunogen:	PRKAB1 (NP_006244.2, 1 a.a. ~ 270 a.a) full-length human protein.
Sequence:	MGNTSSERAALERHGGHKT PRRDSSGGTKDGRPKILMDSPEDADLFH SEEIKAPEKEEFLAWQHDLEVNDKAPAQARPTVFRWTGGGKEVYLSGS FNNWSKLP LTRSHNNFVAILDLPEGEHQYKFFVDGQWTHDPSEPIVTSQ LGTVNNIQVKKTDFEVFDALMVDSQKCSVSELSSSPGPYHQEPYVCK PEERFRAPPILPPHLLQVILNKDTGISCDPALLPEPNH/VMLNHL YALSIKDG VMVLSATHRYKKKYVTTLLYKPI
Host:	Rabbit
Reactivity:	Human
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

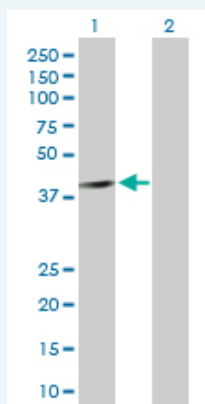
Application Image

Western Blot (Transfected lysate)




Applications

Western Blot (Transfected lysate)



Western Blot analysis of PRKAB1 expression in transfected 293T cell line (H00005564-T01) by PRKAB1 MaxPab polyclonal antibody.

Lane 1: PRKAB1 transfected lysate(30.40 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5564](#)

GeneBank
Accession#: [NM_006253](#)

Protein
Accession#: [NP_006244.2](#)

Gene Name: PRKAB1

Gene Alias: AMPK,HAMPKb,MGC17785

Gene
Description: protein kinase, AMP-activated, beta 1 non-catalytic subunit

Omim ID: [602740](#)

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. The myristoylation and phosphorylation of this subunit have been shown to affect the enzyme activity and cellular localization of AMPK. This subunit may also serve as an adaptor molecule mediating the association of the AMPK complex. [provided by RefSeq]

Other Designations: 5'-AMP-activated protein kinase beta-1 subunit,AMP-activated protein kinase beta 1 non-catalytic subunit,AMP-activated protein kinase beta subunit,AMPK beta -1 chain,AMPK beta 1,protein kinase, AMP-activated, noncatalytic, beta-1

Gene Pathway

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

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