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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRKAB1 (Human) Matched Antibody Pair

Catalog # : H00005564-AP51

規格 : [1 Set]

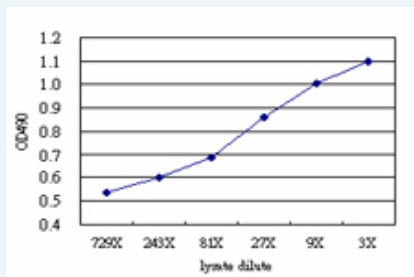
[List All](#)

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human PRKAB1.

Reactivity: Human

Quality Control Testing: Standard curve using PRKAB1 293T overexpression lysate (non-denatured) as an analyte.



Sandwich ELISA detection sensitivity ranging from approximately 27x to 3x dilution of the PRKAB1 293T overexpression lysate (non-denatured).

Supplied Product: Antibody pair set content:
 1. Capture antibody: mouse monoclonal anti-PRKAB1 (100 ug)
 2. Detection antibody: rabbit purified polyclonal anti-PRKAB1 (50 ug)
 *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

ELISA Pair (Transfected lysate)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [5564](#)

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](#)

Application Image

ELISA Pair (Transfected lysate)

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](#)

Related Disease

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