

Datasheet for ABIN562362  
**anti-PRKAB1 antibody (AA 1-270)**



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3 Images

## Overview

Quantity:	100 µg
Target:	PRKAB1
Binding Specificity:	AA 1-270
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PRKAB1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant PRKAB1.
Immunogen:	PRKAB1 (AAH01007, 1 a.a. ~ 270 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MGNTSSERAA LERHGGHKTP RRDSSGGTKD GDRPKILMDS PEDADLFHSE EIKAPEKEEF LAWQHDLEVN DKAPAQARPT VFRWTGGGKE VYLSGSFNNW SKLPLTRSHN NFVAILDLPE GEHQYKFFVD GQWTHDPSEP IVTSQLGTVN NIIQVKKTDF EVFDALMVDS QKCSDVSELS SSPPGPYHQE PYVCKPEERF RAPPILPPHL LQVILNKDTG ISCDPALLPE PNHVMLNHLY ALSIKDGVMV LSATHRYKKK YVTLLYKPI
Clone:	3H12-1A10
Isotype:	IgG1
Cross-Reactivity:	Human

## Product Details

Characteristics: Antibody Reactive Against Recombinant Protein.

## Target Details

Target: PRKAB1

Alternative Name: PRKAB1 ([PRKAB1 Products](#))

Background: Full Gene Name: protein kinase, AMP-activated, beta 1 non-catalytic subunit  
Synonyms: AMPK,HAMPKb,MGC17785

Gene ID: 5564

Pathways: [AMPK Signaling, Warburg Effect](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

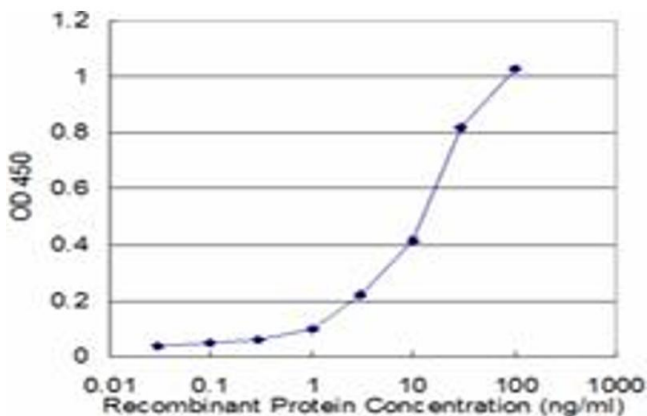
Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

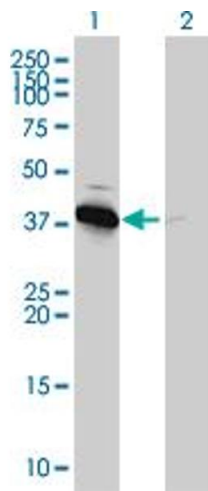
Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images



### ELISA

**Image 1.** Detection limit for recombinant GST tagged PRKAB1 is approximately 1ng/ml as a capture antibody.

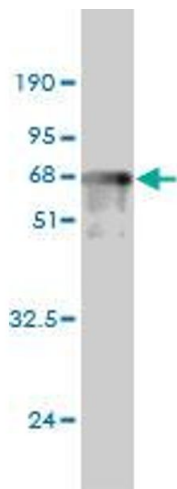


### Western Blotting

**Image 2.** Western Blot analysis of PRKAB1 expression in transfected 293T cell line by PRKAB1 monoclonal antibody (M01), clone 3H12-1A10.

Lane 1: PRKAB1 transfected lysate(31.05 KDa).

Lane 2: Non-transfected lysate.



### Western Blotting

**Image 3.** Western Blot detection against Immunogen (55.44 kDa).