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Datasheet for ABIN1944825 anti-PHKG1 antibody

1 Image

2 Publications



Overview

Quantity:	100 µg
Target:	PHKG1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHKG1 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
lsotype:	lgG1
Target Details	
Target:	PHKG1
Alternative Name:	PHKG1 (PHKG1 Products)
Background:	Catalytic subunit of the phosphorylase b kinase (PHK), which mediates the neural and hormonal regulation of glycogen breakdown (glycogenolysis) by phosphorylating and thereby activating glycogen phosphorylase. In vitro, phosphorylates PYGM, TNNI3, MAPT/TAU, GAP43 and NRGN/RC3 (By similarity).
Molecular Weight:	45024 Da
Gene ID:	5260
UniProt:	Q16816

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Target Details

Pathways:

Cellular Glucan Metabolic Process

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02 $\%$
	sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled.
	Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or
	eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a
	physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute
	azide-containing compounds in running water before discarding to avoid accumulation of
	potentially explosive deposits in lead or copper plumbing.
Storage:	4 °C,-20 °C
Publications	
Product cited in:	Yang, Purdy, Marzluff, Dominski: "Characterization of 3'hExo, a 3' exonuclease specifically
	interacting with the 3' end of histone mRNA." in: The Journal of biological chemistry, Vol. 281,
	Issue 41, pp. 30447-54, (2006) (PubMed).
	Kennedy, Wang, Ruvkun: "A conserved siRNA-degrading RNase negatively regulates RNA
	interference in C. elegans." in: Nature , Vol. 427, Issue 6975, pp. 645-9, (2004) (PubMed).



Western Blotting

Image 1. Western blot analysis of lysates from 293T,HepG2 cell line (from left to right),using PHKG1 Antibody (ABIN1452096 and ABIN1452098). ABIN1452096 and ABIN1452098 was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35 µg per lane.

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