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anti-PHKG1 antibody (Center)



Image



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Overview

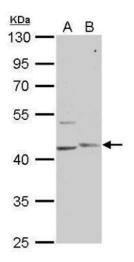
Quantity:	100 μL
Target:	PHKG1
Binding Specificity:	Center
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHKG1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human PHKG1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse (Murine), Chicken, Rabbit, Rat (Rattus), Xenopus laevis, Cow (Bovine), Xenopus tropicalis
Cross-Reactivity (Details):	Mouse (92 %), Chicken (84 %), Rabbit (95 %), Rat (92 %), Xenopus laevis (80 %), Bovine (95 %), Xenopus tropicalis (80 %)
Characteristics:	Rabbit polyclonal antibody to PHKG1 (phosphorylase kinase, gamma 1 (muscle)) PHKG1 antibody [N1C3]
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	PHKG1
Alternative Name:	PHKG1 (PHKG1 Products)
Background:	This gene is a member of the Ser/Thr protein kinase family and encodes a protein with one protein kinase domain and two calmodulin-binding domains. This protein is the catalytic
	member of a 16 subunit protein kinase complex which contains equimolar ratios of 4 subunit
	types. The complex is a crucial glycogenolytic regulatory enzyme. This gene has two
	pseudogenes at chromosome 7q11.21 and one at chromosome 11p11.12.
Molecular Weight:	45 kDa
Gene ID:	5260
Pathways:	Cellular Glucan Metabolic Process
Application Details	
Application Notes:	Suggested dilution Reference Western blot 1:500-1:3000* Not tested in other applications.
	*Optimal dilutions/concentrations should be determined by the researcher.Suggested
	dilutionReferenceWestern blot1:500-1:3000*
Comment:	Positive Control: 293T , HepG2
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.1M Tris, 0.1M Glycine, 10 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANC
	which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw
	cycles.



Western Blotting

Image 1. WB Image PHKG1 antibody [N1C3] detects PHKG1 protein by Western blot analysis. A. 30 μg 293T whole cell lysate/extract B. 30 μg HepG2 whole cell lysate/extract 10 % SDS-PAGE PHKG1 antibody [N1C3], dilution: 1:1000