

Datasheet for ABIN2460648
anti-PHKG2 antibody



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1 Image

Overview

Quantity:	100 µL
Target:	PHKG2
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHKG2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human PHKG2.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	PHKG2
Alternative Name:	PHKG2 (PHKG2 Products)
Background:	Mutations in PHKG2 along with PHKA2 and PHKB, all three different genes of phosphorylase kinase (Phk) subunits, can give rise to glycogen storage disease of the liver. The autosomal-recessive, liver-specific variant of Phk deficiency is caused by mutations in the gene encoding the testis/liver isoform of the catalytic gamma subunit, PHKG2.
Molecular Weight:	46 kDa

Target Details

Gene ID:	5261
NCBI Accession:	NP_000285
UniProt:	P15735
Pathways:	Cellular Glucan Metabolic Process , Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	PHKG2 antibody can be used for detection of PHKG2 by ELISA at 1:62500. PHKG2 antibody can be used for detection of PHKG2 by western blot at 0.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	1 mg/mL
Buffer:	Antibody is lyophilized in PBS buffer with 2 % sucrose.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store PHKG2 antibody at -20 °C.



Western Blotting

Image 1.