

PHKG1 Antibody

Catalog No: #35293

Package Size: #35293-1 50ul #35293-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

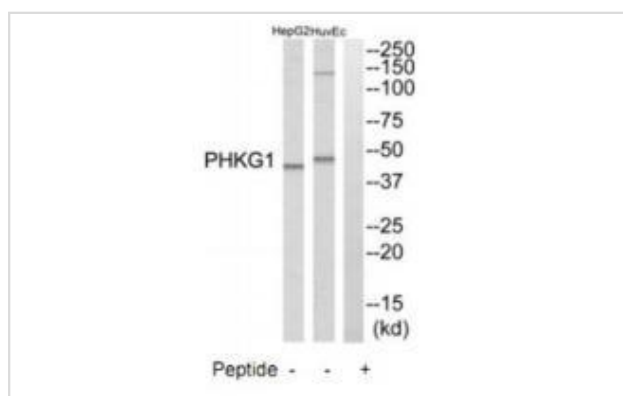
Description

Product Name	PHKG1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PHKG1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human PHKG1.
Target Name	PHKG1
Other Names	KPBG; PHKG; Phosphorylase B kinase gamma catalytic chain skeletal muscle isoform; Phosphorylase kinase gamma subunit 1;
Accession No.	Swiss-Prot: Q16816NCBI Gene ID: 5260
Uniprot	Q16816
GeneID	5260;
SDS-PAGE MW	45kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from HuvEc cells and HepG2 cells, using PHKG1 antibody #35293.

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.

Wehner M., Hum. Genet. 96:616-618(1995).

Burwinkel B. Jr., Submitted (APR-2000) to the EMBL/GenBank/DDBJ databases.

Greenman C., Nature 446:153-158(2007).

Note: This product is for in vitro research use only