

Phkg1 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI13983

Product Information

Application	WB
Primary Accession	P13286
Other Accession	NM_031573 , NP_113761
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Guinea Pig, Horse, Bovine
Predicted Host	Human, Mouse, Rat, Rabbit, Chicken, Dog, Horse, Bovine
Clonality	Rabbit
Calculated MW	Polyclonal 45015

Additional Information

Gene ID	29353
Alias Symbol Other Names	Phkg, PHKIN01, Phkg1 Phosphorylase b kinase gamma catalytic chain, skeletal muscle/heart isoform, 2.7.11.19, Phosphorylase kinase subunit gamma-1, Serine/threonine-protein kinase PHKG1, 2.7.11.1, 2.7.11.26, Phkg1, Phkg
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Phkg1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Phkg1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

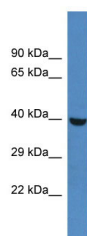
Name	Phkg1
Synonyms	Phkg
Function	Catalytic subunit of the phosphorylase b kinase (PHK), which mediates the neural and hormonal regulation of glycogen breakdown (glycogenolysis) by phosphorylating and thereby activating glycogen phosphorylase. In vitro, phosphorylates PYGM, TNNI3, MAPT/TAU, GAP43 and NRGN/RC3 (By similarity).

References

Cawley K.C.,et al.Nucleic Acids Res. 16:2355-2356(1988).

Cawley K.C.,et al.J. Biol. Chem. 268:1194-1200(1993).

Images



WB Suggested Anti-Phkg1 Antibody Titration: 1.0 µg/ml
Positive Control: Rat Liver

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.