

Rabbit anti-Human, mouse Phkg1 Polyclonal Antibody | anti-Phkg1 antibody

Mouse Phkg1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285445	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

Phkg1; Polyclonal Antibody; Mouse Phkg1 Antibody (C-term); Phosphorylase b kinase gamma catalytic chain; skeletal muscle/heart isoform; Phosphorylase kinase subunit gamma-1; Serine/threonine-protein kinase PHKG1; Phkg; anti-Phkg1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Phkg1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 302-331 amino acids from the C-terminal region of mouse Phkg1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	302-331
Sequence Length	388
Applicable Applications for anti-Phkg1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

Mouse Phkg1 Antibody (C-term) flow cytometric analysis of Ramos cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Mouse Phkg1 Antibody (C-term) western blot analysis in mouse stomach tissue lysates (35ug/lane). This demonstrates the Phkg1 antibody detected the Phkg1 protein (arrow).



WB (Western Blot)

Mouse Phkg1 Antibody (C-term) western blot analysis in Ramos cell line lysates (35ug/lane). This demonstrates the Phkg1 antibody detected the Phkg1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Phkg1 antibody	Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I.
Product Categories/Family for anti-Phkg1 antibody	Cancer ; Metabolism ; Signal Transduction
References	Suto, J., et al. J. Vet. Med. Sci. 66(9):1033-1038(2004) Visel, A., et al. Nucleic Acids Res. 32 (DATABASE ISSUE), D552-D556 (2004) : Takenaka, M., et al. Kidney Int. 53(3):562-572(1998) Maichele, A.J., et al. Mamm. Genome 5(1):15-18(1994) Bender, P.K., et al. Genet. Anal. Tech. Appl. 10 (3-4), 99-101 (1993) :

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755054
NCBI GeneID	18682
NCBI Accession #	NP_035209.1
NCBI GenBank Nucleotide #	NM_011079.2
UniProt Accession #	P07934
Molecular Weight	44960
NCBI Official Full Name	phosphorylase b kinase gamma catalytic chain, skeletal muscle/heart isoform
NCBI Official Synonym Full Names	phosphorylase kinase gamma 1
NCBI Official Symbol	Phkg1
NCBI Official Synonym Symbols	Phkg
NCBI Protein Information	phosphorylase b kinase gamma catalytic chain, skeletal muscle/heart isoform
UniProt Protein Name	Phosphorylase b kinase gamma catalytic chain, skeletal muscle/heart isoform
UniProt Gene Name	Phkg1
UniProt Synonym Gene Names	Phkg
UniProt Entry Name	PHKG1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/phkg1-antibody-flow-cytometry-western-blot-elisa/285445>