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Datasheet for ABIN708313  
**anti-PHKG1 antibody (AA 301-387) (Biotin)**

## Overview

Quantity:	100 µL
Target:	PHKG1
Binding Specificity:	AA 301-387
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHKG1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PHKG1
Isotype:	IgG
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Sheep, Pig, Horse, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	PHKG1
Alternative Name:	PHKG1 ( <a href="#">PHKG1 Products</a> )
Background:	Synonyms: Phkg, PHKG1, PHKIN01, phosphorylase b kinase gamma catalytic chain, skeletal

## Target Details

muscle isoform, phosphorylase kinase gamma, phosphorylase kinase subunit gamma 1, phosphorylase kinase, gamma 1 muscle.

Background: Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I. Polymer of 16 chains, four each of alpha, beta, gamma, and delta. Alpha and beta are regulatory chains, gamma is the catalytic chain, and delta is calmodulin. The two calmodulin-binding domains appear to act in concert to bind a single molecule of calmodulin and are pseudosubstrate/autoinhibitory domains.

Gene ID: 5260

Pathways: [Cellular Glucan Metabolic Process](#)

## Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months