

Datasheet for ABIN5008751

## anti-PHKG1 antibody (AA 301-387) (AbBy Fluor® 750)



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### Overview

Quantity:	100 µL
Target:	PHKG1
Binding Specificity:	AA 301-387
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHKG1 antibody is conjugated to AbBy Fluor® 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### 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

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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.

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Gene ID: 5260

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Pathways: [Cellular Glucan Metabolic Process](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months