Datasheet for ABIN5008750
# anti-PHKG1 antibody (AA 301-387) (AbBy Fluor® 680)

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## Overview

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|---|---|
| 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® 680 |
| Application: | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

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| 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

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|---|---|
| Target: | PHKG1 |
| Alternative Name: | PHKG1 (PHKG1 Products) |
| 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.

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| Gene ID: | 5260 |
| 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 |
| 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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles. |
| Expiry Date: | 12 months |