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Datasheet for ABIN911007

anti-PHKG1 antibody (AA 301-387) (Alexa Fluor 647)

Overview

Quantity:	100 µL
Target:	PHKG1
Binding Specificity:	AA 301-387
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PHKG1 antibody is conjugated to Alexa Fluor 647
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 (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.

Gene ID: 5260

Pathways: [Cellular Glucan Metabolic Process](#)

Application Details

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