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Datasheet for ABIN308405
anti-PRKAG3 antibody (Internal Region)

Overview

Quantity:	100 µg
Target:	PRKAG3
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This PRKAG3 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	PRKAG3
Immunogen:	Peptide with sequence C-KLGWDDDELKPGAQ, from the internal region of the protein sequence according to NP_059127.2.
Sequence:	KLGWDDDELK PGAQ
Isotype:	IgG
Cross-Reactivity:	Cow, Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Recent

Target Details

Target:	PRKAG3
Alternative Name:	PRKAG3 (PRKAG3 Products)
Background:	PRKAG3 , protein kinase, AMP-activated, gamma 3 non-catalytic subunit , AMPKG3, 5'-AMP-activated protein kinase, gamma-3 subunit, AMP-activated protein kinase, non-catalytic gamma-3 subunit, AMPK gamma-3 chain
Gene ID:	53632
NCBI Accession:	NP_059127
Pathways:	AMPK Signaling , Cellular Glucan Metabolic Process , Warburg Effect

Application Details

Application Notes:	Western Blot: Preliminary experiments in Human Heart, Skeletal Muscle and Pancreas lysates gave no specific signal but low background (at antibody concentration up to 1 µg/mL). We would appreciate any feedback from people in the field - have any results b Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.