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Datasheet for ABIN7153913

anti-G6PC antibody (AA 82-117) (Biotin)

Overview

Quantity:	100 µg
Target:	G6PC
Binding Specificity:	AA 82-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This G6PC antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Glucose-6-phosphatase protein (82-117AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	G6PC
Alternative Name:	G6PC (G6PC Products)
Background:	Background: Hydrolyzes glucose-6-phosphate to glucose in the endoplasmic reticulum. Forms with the glucose-6-phosphate transporter (SLC37A4/G6PT) the complex responsible for

Target Details

glucose production through glycogenolysis and gluconeogenesis. Hence, it is the key enzyme in homeostatic regulation of blood glucose levels.

Aliases: AW107337 antibody, G-6-Pase antibody, G6Pase antibody, G6Pase-alpha antibody, g6pc antibody, G6PC_HUMAN antibody, G6PT antibody, Glucose-6-phosphatase alpha antibody, Glucose-6-phosphatase antibody, glucose-6-phosphatase, catalytic subunit antibody, GSD1 antibody, GSD1a antibody, MGC163350 antibody, MGC93613 antibody, RP23-281C18.19 antibody

UniProt: [P35575](#)

Pathways: [Carbohydrate Homeostasis](#), [Cellular Glucan Metabolic Process](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.