Datasheet for ABIN7091161

anti-G6PC2 antibody (AA 191-290)

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Overview

Quantity:	100 µL
Target:	G6PC2
Binding Specificity:	AA 191-290
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Glucose 6 phosphatase 2
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	G6PC2
Alternative Name:	Glucose 6 phosphatase 2 (G6PC2 Products)
Background:	Synonyms: G 6 Pase 2, G 6 Pase2, G6Pase 2, G6Pase2, G6PC 2, G6pc rs, G6pcrs, Glucose 6 phosphatase 2, Glucose 6 phosphatase, catalytic, 2, Glucose 6 phosphatase, catalytic, related,

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Target Details

	Glucose 6 phosphate catalytic 2, Islet specific G6CP related protein, Islet specific glucose 6 phosphatase, Islet specific glucose 6 phosphatase catalytic subunit related protein, G6PC2_HUMAN. Background: IGRP (islet specific glucose 6 phosphatase catalytic subunit related protein), also known as G6PC2, belongs to the glucose-6-phosphatase catalytic subunit family. These enzymes are part of a multicomponent integral membrane system that catalyses the hydrolysis of glucose-6-phosphate. This hydrolysis is the terminal step in gluconeogenic and glycogenolytic pathways, and allows the release of glucose into the bloodstream. IGRP is found in pancreatic islets and does not exhibit phosphohydrolase activity. However, it is a major target of cell-mediated autoimmunity in diabetes.
Gene ID:	57818
UniProt:	Q9NQR9

Application Details

Application Notes:	WB 1:300-5000
Restrictions:	For Research Use only

Handling

Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % 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:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

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