Rabbit Glucose-6-Phosphate Polyclonal Antibody | anti-G6pc2 antibody

Glucose-6-Phosphate, catalytic subunit Antibody Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA75635	**Rabbit**	**Human, Monkey, Mouse, Rat**	**Western Blot, Immunoprecipitation, ELISA**

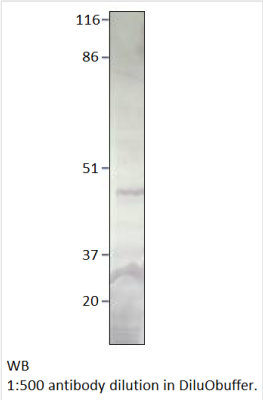
PRODUCT SYNONYMS

Glucose-6-Phosphate; Polyclonal Antibody; catalytic subunit Antibody Affinity Purified; AW107337; G-6-Pase; g6pc; G6PT; Glucose-6-phosphatase alpha; GSD1; GSD1a; MGC163350; MGC93613; RP23-281C18.19 antibody; anti-G6pc2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Monkey, Mouse, Rat
Clonality	Polyclonal
Form/Format	Affinity Purified
Concentration	0.55-0.65 ug/ul in antibody stabilization buffer (varies by lot)
Sequence Length	154
Applicable Applications for anti-G6pc2 antibody	WB (Western Blot), IP (Immunoprecipitation), ELISA
Immunogen	Synthetic peptide taken within amino acid region 80-130 on G6PC2 protein, and common in larger variant of glucose 6 phosphatase.
Expression	Specifically expressed in pancreatic islet cells, in particular those of beta-cell origin. Not detected in testis, kidney, muscle, liver, lung, spleen, brain, pituitary, gastric fundus or heart.
Molecular Function	Gluconeogenesis
Structure	Belongs to the glucose-6-phosphatase family.
Subcellular Location	Endoplasmic Reticulum Membrane; Multi-pass membrane protein
Preparation and Storage	-20• degree C for long term storage

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-G6pc2 antibody	Affinity Purified Glucose-6-phosphoate catalytic 2 Antibody May hydrolyze glucose-6-phosphate to glucose in the endoplasmic reticulum. May be responsible for glucose production through glycogenolysis and gluconeogenesis.
Product Categories/Family for anti-G6pc2 antibody	Primary Antibodies; Cell Biology; Glucose-6-Phosphate; catalytic subunit Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	123236727
UniProt Accession #	Q9Z186; Q2M2M7; A2AUN2
Molecular Weight	17,894 Da
UniProt Protein Name	Glucose-6-phosphatase 2
UniProt Gene Name	**G6pc2**
UniProt Synonym Gene Names	Igrp; G-6-Pase 2; G6Pase 2
UniProt Entry Name	G6PC2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/polyclonal/glucose-6-phosphate-antibody-western-blot-immunoprecipitation-elisa/75635