

Rabbit G6PC Polyclonal Antibody | anti-G6PC antibody

G6PC Polyclonal Antibody

CATALOG # AAA175021	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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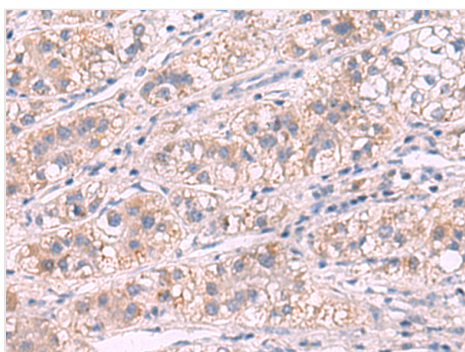
PRODUCT SYNONYMS

G6PC; Polyclonal Antibody; G6PC Polyclonal Antibody; AW107337; G-6-Pase; G6Pase; G6Pase-alpha; G6pc; G6PT; Glucose-6-phosphatase alpha; Glucose-6-phosphatase; GSD1; GSD1a; MGC163350; MGC93613; RP23-281C18.19; anti-G6PC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Form/Format	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
Sequence Length	357
Applicable Applications for anti-G6PC antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human G6PC
Conjugation	Unconjugated
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using G6PC Polyclonal Antibody at dilution of 1:50(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-G6PC antibody	Glucose-6-phosphatase (G6Pase) is a multi-subunit integral membrane protein of the endoplasmic reticulum that is composed of a catalytic subunit and transporters for G6P, inorganic phosphate, and glucose. This gene (G6PC) is one of the three glucose-6-phosphatase catalytic-subunit-encoding genes in human: G6PC, G6PC2 and G6PC3. Glucose-6-phosphatase catalyzes the hydrolysis of D-glucose 6-phosphate to D-glucose and orthophosphate and is a key enzyme in glucose homeostasis, functioning in gluconeogenesis and glycogenolysis. Mutations in this gene cause glycogen storage disease type I (GSD1). This disease, also known as von Gierke disease, is a metabolic disorder characterized by severe hypoglycemia associated with the accumulation of glycogen and fat in the liver and kidneys.
Product Categories/Family for anti-G6PC antibody	Cancer; Cell Biology; Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	206729864
NCBI GeneID	2538
UniProt Accession #	P35575
NCBI Official Full Name	Glucose-6-phosphatase
NCBI Official Synonym Full Names	glucose-6-phosphatase catalytic subunit
NCBI Official Symbol	G6PC
NCBI Official Synonym Symbols	G6PT; GSD1; G6PC1; GSD1a; G6Pase
NCBI Protein Information	glucose-6-phosphatase
UniProt Protein Name	Glucose-6-phosphatase
UniProt Gene Name	G6PC
UniProt Synonym Gene Names	G6PT; G-6-Pase; G6Pase
UniProt Entry Name	G6PC_HUMAN

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/g6pc-antibody-immunohistochemistry-elisa/175021>