

Rabbit G6PC Polyclonal Antibody | anti-G6PC antibody

G6PC Antibody

CATALOG # AAA310791	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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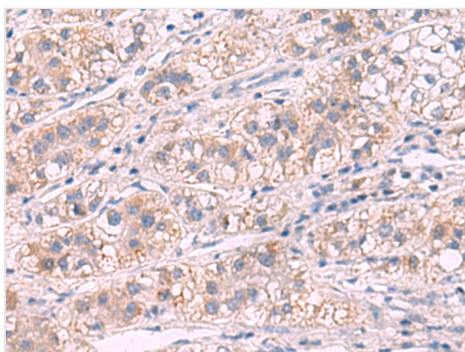
PRODUCT SYNONYMS

G6PC; Polyclonal Antibody; G6PC Antibody; G6PT; GSD1; G6PC1; GSD1a; G6Pase; anti-G6PC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total G6PC protein.
Purity/Purification	Antigen affinity purification
Form/Format	pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	1.4 mg/mL (varies by lot)
Sequence Length	357
Applicable Applications for anti-G6PC antibody	IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human G6PC
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using AAA310791 (G6PC Antibody) at dilution 1/50.(Original magnification: 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	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	393537031
NCBI GeneID	2538
NCBI Accession #	NP_000142.2
NCBI GenBank Nucleotide #	NM_000151.3
UniProt Accession #	P35575; A1L4C0; B4E1C3; K7EL82
Molecular Weight	20,209 Da
NCBI Official Full Name	glucose-6-phosphatase isoform 1
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; G6Pase-alpha

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://stage.aaabiotech.com/polyclonal/g6pc-antibody-immunohistochemistry-elisa/310791>