

G6pc antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI12391**Specification**

G6pc antibody - N-terminal region - Product Information

Application	WB
Primary Accession	P35576
Other Accession	NM_008061 , NP_032087
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted Host	Human, Mouse, Rat, Pig, Bovine, Dog
Clonality	Rabbit
Calculated MW	Polyclonal 40kDa KDa

G6pc antibody - N-terminal region - Additional Information**Gene ID 14377**

Alias Symbol **AW107337, G6Pase, G6pt, Glc-6-Pase**
Other Names
Glucose-6-phosphatase, G-6-Pase, G6Pase, 3.1.3.9, G6pc, G6pt

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-G6pc antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

G6pc antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

G6pc antibody - N-terminal region - Protein Information

Name G6pc1

Synonyms G6pc, G6pt

Function

Hydrolyzes glucose-6-phosphate to glucose in the endoplasmic reticulum. Forms with the glucose-6-phosphate transporter (SLC37A4/G6PT) the complex responsible for glucose production in the terminal step of glycogenolysis and gluconeogenesis. Hence, it is the key enzyme in homeostatic regulation of blood glucose levels.

Cellular Location

Endoplasmic reticulum membrane {ECO:0000250|UniProtKB:P35575}; Multi-pass membrane protein

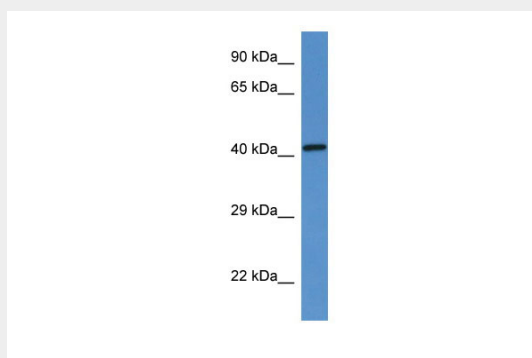
Tissue Location

Liver and kidney.

G6pc antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

G6pc antibody - N-terminal region - Images

WB Suggested Anti-G6pc Antibody Titration: 1.0 µg/ml
Positive Control: Mouse Intestine