

DNAxPAb

Hard-to-Find  
Antibody

## G6PC DNAxPab

Catalog # H00002538-W01P

Size 200 ug

### Specification

|                         |                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------|
| Product Description     | Rabbit polyclonal antibody raised against a partial-length human G6PC DNA using DNAx™ Immune technology. |
| Technology              | <a href="#">DNAx™ Immune</a>                                                                             |
| Immunogen               | Extracellular membrane domain (ECD) human DNA                                                            |
| Host                    | Rabbit                                                                                                   |
| Reactivity              | Human                                                                                                    |
| Purification            | Protein A                                                                                                |
| Quality Control Testing | Antibody reactive against mammalian transfected lysate.                                                  |
| Storage Buffer          | In 1x PBS, pH 7.4                                                                                        |
| Storage Instruction     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.                                 |

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)
- Flow Cytometry (Transfected cell)

### Gene Info — G6PC

|                     |                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">2538</a>                                                                                                                                                                                                                                                                                                                                                            |
| GeneBank Accession# | <a href="#">NM_000151.1</a>                                                                                                                                                                                                                                                                                                                                                     |
| Protein Accession#  | <a href="#">NP_000142.1</a>                                                                                                                                                                                                                                                                                                                                                     |
| Gene Name           | G6PC                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Alias          | G6PT, GSD1, GSD1a, MGC163350                                                                                                                                                                                                                                                                                                                                                    |
| Gene Description    | glucose-6-phosphatase, catalytic subunit                                                                                                                                                                                                                                                                                                                                        |
| Omim ID             | <a href="#">232200</a>                                                                                                                                                                                                                                                                                                                                                          |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                       |
| Gene Summary        | Glucose-6-phosphatase is an integral membrane protein of the endoplasmic reticulum that catalyzes the hydrolysis of D-glucose 6-phosphate to D-glucose and orthophosphate. It is a key enzyme in glucose homeostasis, functioning in gluconeogenesis and glycogenolysis. Defects in the enzyme cause glycogen storage disease type I (von Gierke disease). [provided by RefSeq] |
| Other Designations  | glucose-6-phosphatase, catalytic (glycogen storage disease type I, von Gierke disease) glycogen storage disease type I, von Gierke disease                                                                                                                                                                                                                                      |

## Pathway

- [Adipocytokine signaling pathway](#)
- [Galactose metabolism](#)
- [Glycolysis / Gluconeogenesis](#)
- [Insulin signaling pathway](#)
- [Metabolic pathways](#)
- [Starch and sucrose metabolism](#)

## Disease

- [Death](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Glycogen Storage Disease Type I](#)

- [Hypoglycemia](#)
- [Sudden Infant Death](#)