

G6PC Rabbit Polyclonal Antibody

Catalog No: #54650

Package Size: #54650-1 50ul #54650-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

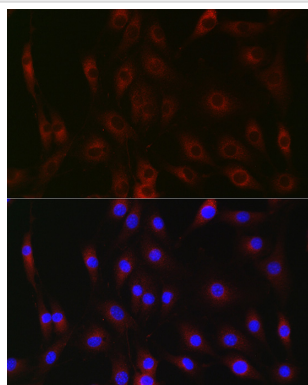
Description

Product Name	G6PC Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	IF
Species Reactivity	Mouse
Immunogen Description	A synthetic peptide of Mouse G6PC.
Conjugates	Unconjugated
Other Names	G6pt; G6Pase; AW107337; Glc-6-Pase
Accession No.	Uniprot:P35576GenelD:14377
Calculated MW	40kDa
SDS-PAGE MW	40KDa
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

IF 1:50 - 1:200

Images



Immunofluorescence analysis of NIH/3T3 cells using G6PC antibody.

Background

The enzyme encoded by this gene is a multisubunit integral membrane protein of the endoplasmic reticulum that is composed of a catalytic subunit and transporters for glucose-6-phosphate, inorganic phosphate, and glucose. This gene is one of three glucose-6-phosphatase catalytic-subunit-encoding genes in mouse. 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).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.