

兔抗 G6PC 多克隆抗体

中文名称：兔抗 G6PC 多克隆抗体

英文名称： Anti-G6PC rabbit polyclonal antibody

别名： glucose-6-phosphatase catalytic subunit; G6PT; GSD1; G6PC1; GSD1a; G6Pase

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Rabbit

抗原： G6PC

反应种属： Human, Mouse, Rat

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:

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.

Applications:	ELISA, IHC
Name of antibody:	G6PC
Immunogen:	Synthetic peptide of human G6PC
Full name:	glucose-6-phosphatase catalytic subunit
Synonyms:	G6PT; GSD1; G6PC1; GSD1a; G6Pase
SwissProt:	P35575
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human liver cancer
IHC Recommend dilution:	50-300

