

G6PC rabbit pAb

Catalog No :	YT8088
Reactivity :	Human;Mouse;Rat
Applications :	IHC;WB
Target :	G6PC
Gene Name :	G6PC G6PT
Protein Name :	Glucose-6-phosphatase (G-6-Pase) (G6Pase) (EC 3.1.3.9) (Glucose-6-phosphatase alpha) (G6Pase-alpha)
Human Gene Id :	2538
Human Swiss Prot No :	P35575
Mouse Gene Id :	14377
Mouse Swiss Prot No :	P35576
Rat Gene Id :	25634
Rat Swiss Prot No :	P43428
Immunogen :	Synthesized peptide derived from human C-terminal G6PC
Specificity :	This antibody detects endogenous levels of G6PC at Human, Mouse,Rat
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Molecularweight :** 39kD**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.

Subcellular Location : Endoplasmic reticulum membrane ; Multi-pass membrane protein .

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