

## G6PC rabbit pAb

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

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| <b>Concentration :</b>        | 1 mg/ml   |
| <b>Storage Stability :</b>    | -15°C to -25°C/1 year(Do not lower than -25°C)  |
| <b>Molecularweight :</b>      | 39kD  |
| <b>Function :</b>             | 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. |
| <b>Subcellular Location :</b> | Endoplasmic reticulum membrane ; Multi-pass membrane protein .  |
| <b>Tag :</b>                  | hot   |
| <b>Sort :</b>                 | 999   |
| <b>No4 :</b>                  | 1   |
| <b>Host :</b>                 | Rabbit  |
| <b>Modifications :</b>        | Unmodified  |

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