



# PYGL Antibody

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|----------------------------|---|
| <b>Product Code</b>        | CSB-PA019122GA01HU  |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.   |
| <b>Uniprot No.</b>         | P06737  |
| <b>Immunogen</b>           | Human PYGL  |
| <b>Raised In</b>           | Rabbit  |
| <b>Species Reactivity</b>  | Human,Mouse,Rat   |
| <b>Tested Applications</b> | ELISA,WB,IHC  |
| <b>Storage Buffer</b>      | PBS with 0.1% Sodium Azide, 50% Glycerol, pH 7.3. -20°C, Avoid freeze / thaw cycles.  |
| <b>Purification Method</b> | Antigen Affinity purified   |
| <b>Isotype</b>             | IgG   |
| <b>Alias</b>               | phosphorylase, glycogen, liver;PYGL;GSD6 ;  |
| <b>Product Type</b>        | Purified Rabbit Anti human PolyClonal Antibody  |
| <b>Immunogen Species</b>   | Homo sapiens (Human)  |
| <b>Target Names</b>        | PYGL  |
| <b>Target Details</b>      | <p>This gene encodes a homodimeric protein that catalyses the cleavage of alpha-1,4-glucosidic bonds to release glucose-1-phosphate from liver glycogen stores. This protein switches from inactive phosphorylase B to active phosphorylase A by phosphorylation of serine residue 15. Activity of this enzyme is further regulated by multiple allosteric effectors and hormonal controls. Humans have three glycogen phosphorylase isozymes that are primarily expressed in liver, brain and muscle, respectively. The liver isozyme serves the glycemic demands of the body in general while the brain and muscle isozymes supply just those tissues. In glycogen storage disease type VI, or Hers disease, mutations in liver glycogen phosphorylase inhibit the conversion of glycogen to glucose and results in moderate hypoglycemia, mild ketosis, growth retardation and hepatomegaly. Alternative splicing results in multiple transcript variants encoding different isoforms.</p> |