

## Rabbit Glycogen Phosphorylase, Liver (PYGL) Polyclonal Antibody | anti-PYGL antibody

Polyclonal Antibody to Glycogen Phosphorylase, Liver (PYGL)

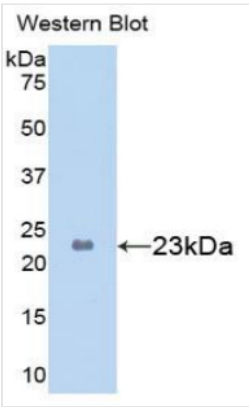
| CATALOG # | HOST   | REACTIVITY             | APPLICATIONS                                                   |
|-----------|--------|------------------------|----------------------------------------------------------------|
| AAA131091 | Rabbit | Human, Mouse, Rat, Pig | Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry |

### PRODUCT SYNONYMS

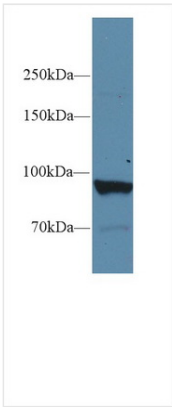
Glycogen Phosphorylase; Liver (PYGL); Polyclonal Antibody; Polyclonal Antibody to Glycogen Phosphorylase; anti-PYGL antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                |
| Reactivity                                     | Human, Mouse, Rat, Pig                                                                                                                                                                                                                                                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                            |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against PYGL. It has been selected for its ability to recognize PYGL in immunohistochemical staining and western blotting.                                                                                                                                                        |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                                                               |
| Form/Format                                    | Supplied as solution form in PBS, pH7.4, containing 0.02% Na <sub>3</sub> N, 50% glycerol.                                                                                                                                                                                                                                            |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                              |
| Sequence                                       | Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below.<br>MG HHHHHHSGSE F-NDPMVGSK LKVFLENYR VSLAEKVIPA TDLSEQISTA GTEASGTGNM KFMLNGALTI<br>GTMDGANVEM AEEAGEENLF IFGMRIDDVA ALDKKGYEAK EYYEALPELK LVIDQIDNGF FSPKQPDLFK<br>DIINMLFYHD RFKVFADYEA YVKCQDKVSQ LYMNPKAWNT MVLKNIAASG KFSSDRTIKE |
| Sequence Length                                | 854                                                                                                                                                                                                                                                                                                                                   |
| Applicable Applications for anti-PYGL antibody | WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)                                                                                                                                                                                                                                                       |
| Immunogen                                      | Recombinant PYGL (Asn633-Glu820) expressed in E.coli.                                                                                                                                                                                                                                                                                 |
| Cross Reactivity                               | Human, Mouse                                                                                                                                                                                                                                                                                                                          |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                 |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                         |



**WB (Western Blot)**  
Western Blot: Sample: Recombinant protein.



**WB (Western Blot)**  
Western Blot: Sample: Human Liver lysate; Primary Ab: 1ug/ml Rabbit Anti-Human PYGL Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                |
|----------------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                        | 255653002                                                                      |
| NCBI GeneID                      | 5836                                                                           |
| NCBI Accession #                 | NP_001157412.1                                                                 |
| NCBI GenBank Nucleotide #        | NM_001163940.1                                                                 |
| UniProt Accession #              | P06737; O60567; O60752; O60913; Q501V9; Q641R5; Q96G82; A6NDQ4; B4DUB7; F5H816 |
| Molecular Weight                 | 93,134 Da                                                                      |
| NCBI Official Full Name          | glycogen phosphorylase, liver form isoform 2                                   |
| NCBI Official Synonym Full Names | glycogen phosphorylase L                                                       |
| NCBI Official Symbol             | PYGL                                                                           |
| NCBI Official Synonym Symbols    | GSD6                                                                           |
| NCBI Protein Information         | glycogen phosphorylase, liver form                                             |
| UniProt Protein Name             | Glycogen phosphorylase, liver form                                             |
| UniProt Gene Name                | PYGL                                                                           |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.