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PYGL Antibody
Rabbit Polyclonal Antibody
Catalog # ALS17263

Specification

PYGL Antibody - Product Information

Application	**IHC-P**
Primary Accession	P06737
Other Accession	5836
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**97149**

PYGL Antibody - Additional Information

Gene ID 5836

Other Names
PYGL, GPLL, Phosphorylase, glycogen liver, Phosphorylase, glycogen, liver, GSD6

Target/Specificity
Human PYGL

Reconstitution & Storage
PBS, pH 7.4, 0.03% Proclin 300, 50% glycerol. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions
PYGL Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

PYGL Antibody - Protein Information

Name PYGL (HGNC:9725)

Function
Allosteric enzyme that catalyzes the rate-limiting step in glycogen catabolism, the phosphorolytic cleavage of glycogen to produce glucose-1-phosphate, and plays a central role in maintaining cellular and organismal glucose homeostasis.

Cellular Location
Cytoplasm, cytosol.

PYGL Antibody - Protocols

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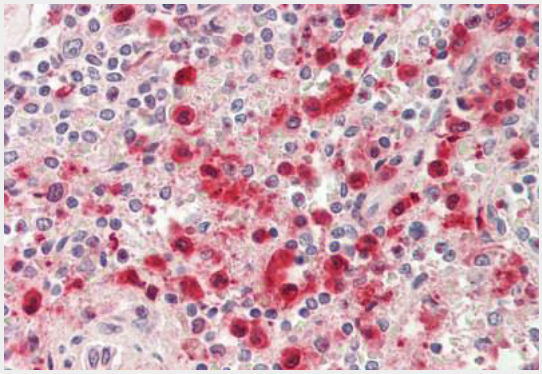
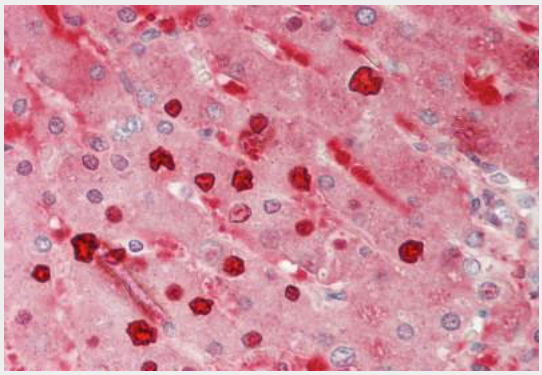
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PYGL Antibody - Images



Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Liver: Formalin-Fixed, Paraffin-Embedded (FFPE)

PYGL Antibody - Background

Phosphorylase is an important allosteric enzyme in carbohydrate metabolism. Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates. However, all known phosphorylases share catalytic and structural properties.

PYGL Antibody - References

Newgard C.B.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:8132-8136(1986).
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Chang S.,et al.Hum. Mol. Genet. 7:865-870(1998).
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