

Rabbit PYGL Polyclonal Antibody | anti-PYGL antibody

Phospho-PYGL (Ser17) Antibody

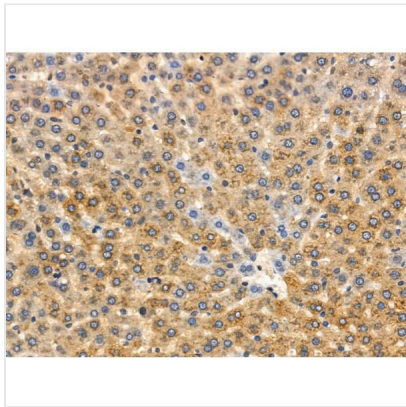
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329343	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

PYGL; Polyclonal Antibody; Phospho-PYGL (Ser17) Antibody; Glycogen phosphorylase; Glycogen phosphorylase L; Glycogen phosphorylase liver; Glycogen phosphorylase liver form; GSD6; Hers disease; glycogen storage disease type VI; liver form; OTTHUMP00000233649; OTTHUMP00000233651; Phosphorylase glycogen liver; Pygl; PYGL_HUMAN; anti-PYGL antibody

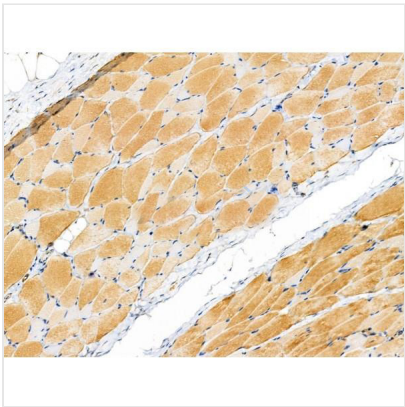
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Phospho-PYGL (Ser17) Antibody detects endogenous levels of PYGL only when phosphorylated at Ser17.
Purity/Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-PYGL antibody	ELISA (Peptide ELISA), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PYGL around the phosphorylation site of Ser17.
Conjugation	Unconjugated
Fragment	Fab fragment
Post Translational Modifications	Phosphorylation of Ser-15 converts phosphorylase B (unphosphorylated) to phosphorylase A.
Subunit Structure	Homodimer. Dimers associate into a tetramer to form the enzymatically active phosphorylase A. Interacts with PPP1R3B (By similarity).
Similarity	Belongs to the glycogen phosphorylase family.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



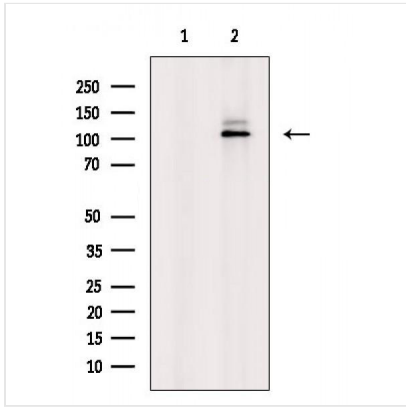
IHC (Immunohistochemisry)

At 1/100 staining Rat liver tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



IHC (Immunohiostchemistry)

Staining Rat ovarian tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from Mouse heart, using Phospho-PYGL (Ser17) Antibody. The lane on the left was treated with blocking peptide.Observed bands: 102kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PYGL antibody	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.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	40675618
NCBI GeneID	5836
UniProt Accession #	P06737; O60567; O60752; O60913; Q501V9; Q641R5; Q96G82; A6NDQ4; B4DUB7; F5H816
Molecular Weight	97,149 Da
NCBI Official Full Name	PYGL protein
NCBI Official Synonym Full Names	phosphorylase, glycogen, liver
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
UniProt Entry Name	PYGL_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/pygl-antibody-peptide-elisa-immunohistochemistry-western-blot-elisa/329343>