

Rabbit PYGL Polyclonal Antibody | anti-PYGL antibody

PYGL Antibody

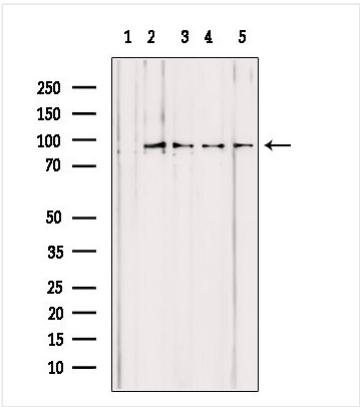
CATALOG # AAA322959	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

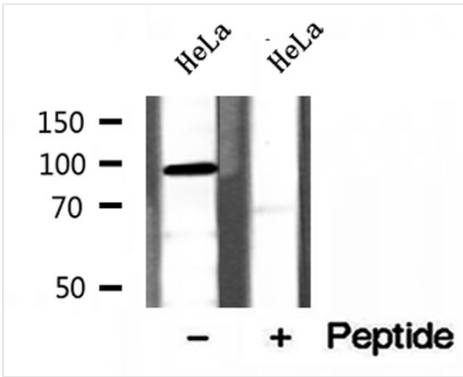
PYGL; Polyclonal Antibody; PYGL Antibody; Glycogen phosphorylase; Glycogen phosphorylase liver; Glycogen phosphorylase liver form; GSD6; Hers disease; glycogen storage disease type VI; liver form; OTTHUMP00000233649; OTTHUMP00000233651; Phosphorylase glycogen liver; Pygl; PYGL_HUMAN; anti-PYGL antibody

PRODUCT SPECIFICATIONS

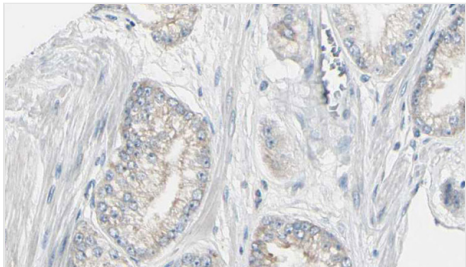
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PYGL antibody detects endogenous levels of PYGL.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	813
Applicable Applications for anti-PYGL antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human PYGL.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (92%), Zebrafish (92%), Bovine (92%), Horse (100%), Sheep (92%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from various samples, using PYGL antibody. Lane 1: HeLa treated with blocking peptide. Lane 2: HeLa; Lane 3: Mouse Myeloma cell; Lane 4: mouse lung; Lane 5: rat brain;



WB (Western Blot)
Western blot analysis of extracts of HeLa cells, using PYGL antibody.



IHC (Immunohistochemistry)
AAA322959 at 1/100 staining Human prostate 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 antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-PYGL antibody	Function: 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. Subunit Structure: Homodimer. Dimers associate into a tetramer to form the enzymatically active phosphorylase A. Interacts with PPP1R3B (By similarity). Post-translational Modifications: Phosphorylation of Ser-15 converts phosphorylase B (unphosphorylated) to phosphorylase A. Similarity: Belongs to the glycogen phosphorylase family.
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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	Observed: 97 kDa Predicted: 98 kDa
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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pygl-antibody-immunohistochemistry-western-blot-elisa/322959>