

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

Polyclonal Antibody to Glycogen Phosphorylase, Liver (PYGL)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20128	Rabbit	Human, Rat	Immunocytochemistry, Immunohistochemistry, ELISA, Western Blot

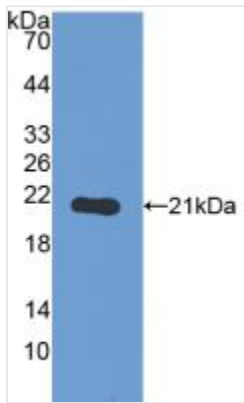
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

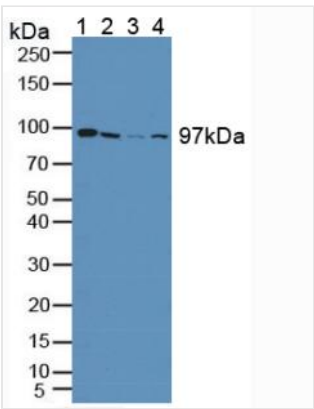
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PYGL. It has been selected for its ability to recognize PYGL in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 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. MG HHHHHHSGSE F-QKTFAYTN HTVLPEALER WPVDLVEKLL PRHLEIYEI NQKHLDRIVA LFPKDVDRLR RMSLIEEEGS KRINMAHLCI VGSHAVNGVA KIHSDIVKTK VFKDFSELEP DKFQNKTNIGI TPRRWLLLCN PGLAELIAEK IGEDYVKDLS QLTKLHSFLG DDVFLRELAK V
Sequence Length	854
Applicable Applications for anti-PYGL antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Application Notes	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunogen	Recombinant PYGL (Gln370~Val538) expressed in E.coli.
Cross Reactivity	Human
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.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type HepG2 cell lysate; Lane 2: PYGL knockout HepG2 cell lysate; Predicted MW: 97,93kd Observed MW: 97kd Primary Ab: 5ug/ml Rabbit Anti-Human PYGL Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Human Liver Tissue; Lane2: Human HepG2 Cells; Lane3: Human Hela Cells; Lane4: Human 293T Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PYGL antibody	Knock-Out Validation Antibody
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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	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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/glycogen-phosphorylase-liver-pygl-antibody-immunocytochemistry-immunohistochemistry-western-blot-elisa/20128>