

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

Polyclonal Antibody to Glycogen Phosphorylase, Liver (PYGL)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA132641	Rabbit	Human, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

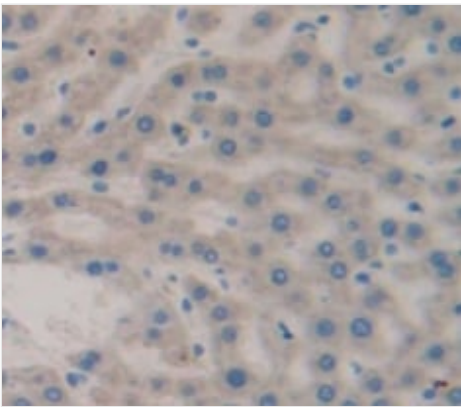
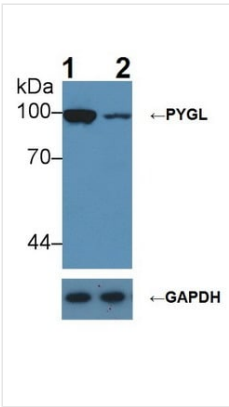
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, 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-THPALAIP ELMRIFVDIE KLPWSKAWEI TKKTFAYTNH TVLPEALERW PVDLVEKLLP RHLQIIYEIN QKHLDRIVAL FPKDIDRMRR MSLIEEEGGK RINMAHLCIV GCHAVNGVAK IHSDIVKTQV FKDFSELEPD KFQKNTNGIT PRRWLLLCNP GLADLIAEKI G
Sequence Length	854
Applicable Applications for anti-PYGL antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant PYGL (Thr341~Gly509) expressed in E.coli.
Cross Reactivity	Human, Rat
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.

IMAGES

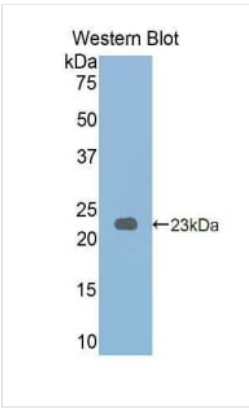


Knockout Validation

Knockout Validation: Lane 1: Wild-type Hepg2 cell lysate;;Lane 2: PYGL knockout Hepg2 cell lysate;;Predicted MW: 97kDa ;Observed MW: 100kDa;Primary Ab: 1ug/ml Rabbit Anti-Rat PYGL Ab;Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody;

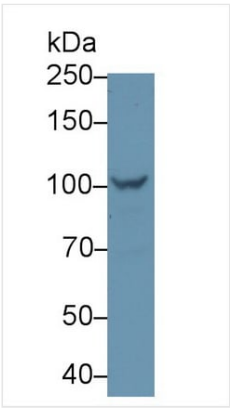
IHC (Immunohistochemisry)

DAB staining on IHC-P. Samples: Rat Tissue



WB (Western Blot)

Western Blot: Sample: Recombinant protein.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Product Categories/Family for anti-PYGL antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11560087
NCBI GeneID	64035
NCBI Accession #	NP_071604.1
NCBI GenBank Nucleotide #	NM_022268.1
UniProt Accession #	P09811
Molecular Weight	97,483 Da
NCBI Official Full Name	glycogen phosphorylase, liver form
NCBI Official Synonym Full Names	glycogen phosphorylase L
NCBI Official Symbol	Pygl
NCBI Protein Information	glycogen phosphorylase, liver form

UniProt Protein Name	Glycogen phosphorylase, liver form
UniProt Gene Name	Pygl
UniProt Synonym Gene Names	Lgp

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-western-blot-immunohistochemistry-immunocytochemistry-elisa/132641>