

Rabbit anti-Human, Mouse Glycogen Phosphorylase, Brain (PYGB) Polyclonal Antibody | anti-PYGB antibody

Polyclonal Antibody to Glycogen Phosphorylase, Brain (PYGB)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135341	Rabbit	Human, Mouse	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

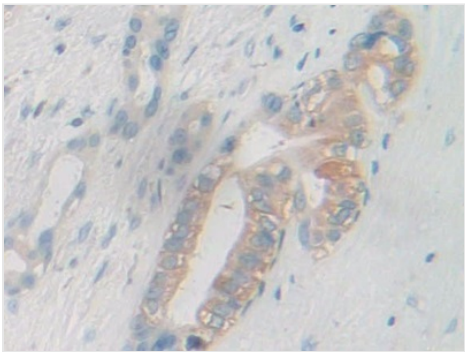
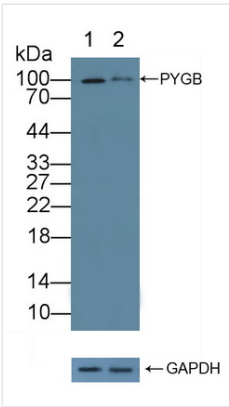
PRODUCT SYNONYMS

Glycogen Phosphorylase; Brain (PYGB); Polyclonal Antibody; Polyclonal Antibody to Glycogen Phosphorylase; anti-PYGB antibody

PRODUCT SPECIFICATIONS

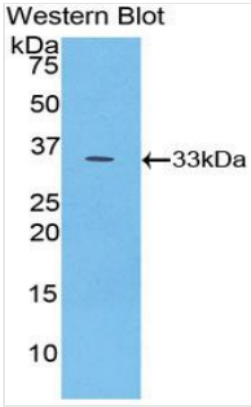
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against PYGB. It has been selected for its ability to recognize PYGB in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	0.66mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-PEKFQNK T NGITPRRWLL LCNPLGADTI VEKIGEEFLT DLSQLKKLLP LVSDEVFIRD VAKVKQENKL KFSAFLEKEY KVKINPSSMF DVHVKRIHEY KRQLLNCLHV VTLYNRIKRD PAKAFVPRTV MIGGKAAPGY HMAKLIKLV TSIGDVVNHD PVVGDRKVI FLENYRVSLA EKVIPAADLS QQISTAGTEA SGTGNMKFML NGALTIGTMD GANVEMAEAA GAENLFIFGL RVEDVEALDR KGYNAR
Sequence Length	843
Applicable Applications for anti-PYGB antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant PYGB (Pro477~Glu731) expressed in E.coli.
Cross Reactivity	Human, Mouse
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

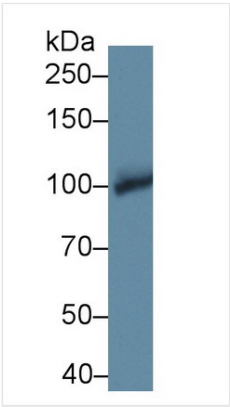


IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Bile duct cancer Tissue

Knockout Validation
Knockout Validation: Lane 1: Wild-type A549 cell lysate; Lane 2: PYGB knockout A549 cell lysate; Predicted MW: 97kd Observed MW: 100kd Primary Ab: 1ug/ml Rabbit Anti-Human PYGB Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Mouse Cerebrum lysate; Primary Ab: 1ug/ml Rabbit Anti-Human PYGB Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

ADDITIONAL INFORMATION

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

NCBI GI #	21361370
NCBI GeneID	5834
NCBI Accession #	NP_002853.2
NCBI GenBank Nucleotide #	NM_002862.3
UniProt Accession #	P11216; Q96AK1; Q9NPX8
Molecular Weight	96,696 Da
NCBI Official Full Name	glycogen phosphorylase, brain form
NCBI Official Synonym Full Names	glycogen phosphorylase B
NCBI Official Symbol	PYGB
NCBI Official Synonym Symbols	GPBB

NCBI Protein Information	glycogen phosphorylase, brain form
UniProt Protein Name	Glycogen phosphorylase, brain form
UniProt Gene Name	PYGB

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-brain-pygb-antibody-western-blot-immunohistochemistry-immunocytochemistry-elisa/135341>