

Rabbit PYGB Polyclonal Antibody | anti-PYGB antibody

Anti-PYGB Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA262092	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

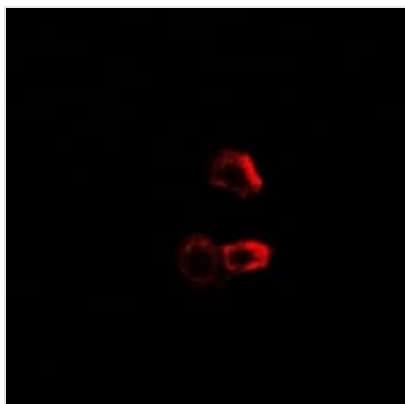
PRODUCT SYNONYMS

PYGB; Polyclonal Antibody; Anti-PYGB Antibody; Glycogen phosphorylase; brain form; anti-PYGB antibody

PRODUCT SPECIFICATIONS

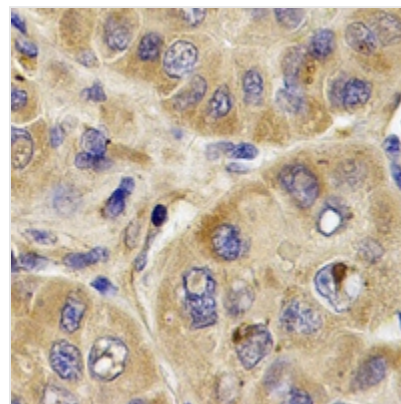
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of PYGB protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	843
Applicable Applications for anti-PYGB antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant full length protein of human PYGB
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



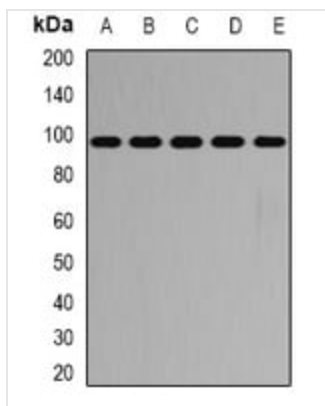
IF (Immunofluorescence)

Immunofluorescent analysis of PYGB staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of PYGB staining in human liver cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of PYGB expression in SW620 (A), HT29 (B), mouse heart (C), mouse lung (D), rat brain (E) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-PYGB antibody

Rabbit polyclonal antibody to PYGB

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	phosphorylase, glycogen; brain
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
UniProt Entry Name	PYGB_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/pygb-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/262092>