

## Datasheet for ABIN631127 **anti-PYGB antibody (N-Term)**



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### 1 Image

#### Overview

Quantity:	100 µL
Target:	PYGB (GPBB)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PYGB antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	PYGB antibody was raised using the N terminal of PYGB corresponding to a region with amino acids QQHYYERDPKRIYYLSLEFYMGRTLQNTMVNLGLQNACDEAIYQLGLDLE
Specificity:	PYGB antibody was raised against the N terminal of PYGB
Purification:	Affinity purified

#### Target Details

Target:	PYGB (GPBB)
Alternative Name:	<a href="#">PYGB (GPBB Products)</a>
Background:	PYGB is a glycogen phosphorylase found predominantly in the brain. It forms homodimers which can associate into homotetramers, the enzymatically active form of glycogen phosphorylase. The activity of this enzyme is positively regulated by AMP and negatively

## Target Details

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regulated by ATP, ADP, and glucose-6-phosphate. This enzyme catalyzes the rate-determining step in glycogen degradation.

Molecular Weight: 97 kDa (MW of target protein)

Pathways: [Cellular Glucan Metabolic Process](#)

## Application Details

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Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: PYGB Blocking Peptide, catalog no. 33R-7693, is also available for use as a blocking control in assays to test for specificity of this PYGB antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of PYGB antibody in PBS

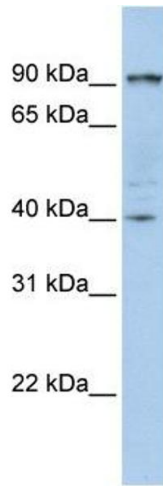
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** PYGB antibody used at 1 ug/ml to detect target protein.