Datasheet for ABIN657622
anti-PYGB antibody (N-Term)

1	Image

Overview

Quantity:	400 μL
Target:	PYGB (GPBB)
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PYGB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PYGB.
Clone:	RB33623
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

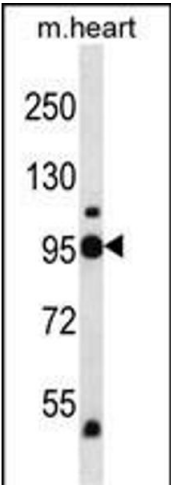|	
Target:	PYGB (GPBB)
Alternative Name:	PYGB (GPBB Products)
Background:	The protein encoded by this gene is a glycogen phosphorylase found predominantly in the brain. The encoded protein forms homodimers which can associate into homotetramers, the enzymatically active form of glycogen phosphorylase. The activity of this enzyme is positively

Target Details

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

Molecular Weight:	96696
Gene ID:	5834
NCBI Accession:	NP_002853
UniProt:	P11216
Pathways:	Cellular Glucan Metabolic Process

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	PYGB Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.
Expiry Date:	6 months

Images

Western Blotting

Image 1. PYGB Antibody (N-term) (ABIN657622 and ABIN2846618) western blot analysis in mouse heart tissue lysates (35 µg/lane).This demonstrates the PYGB antibody detected the PYGB protein (arrow).