DATASHEET

PYGM Rabbit Polyclonal Antibody

CAT. NO. APA14884

KEY FEATURES

Target	PYGM	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Allosteric enzyme that catalyzes the rate-limiting step in glycogen catabolism, the phosphorolytic cleavage of glycogen to produce glucose-1-phosphate, and plays a central role in maintaining cellular and organismal glucose homeostasis.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to PYGM
Specificity	Recognizes endogenous levels of PYGM protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide of human PYGM
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 87; Observed: 100 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Glycogen phosphorylase, muscle form; Myophosphorylase
Gene Symbol	PYGM
Entrez Gene	5837(Human); 19309(Mouse)
SwissProt	P11217(Human); Q9WUB3(Mouse); P09812(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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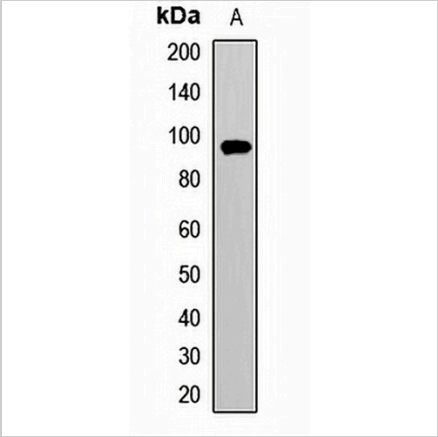
DATA



Western blot analysis of PYGM expression in HepG2 (A) whole cell lysates. (Predicted band size: 87; 97 kD; Observed band size: 100 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.