

Datasheet for ABIN708356
anti-PYGM antibody (AA 401-500)

1 Publication

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Overview

Quantity:	100 µL
Target:	PYGM
Binding Specificity:	AA 401-500
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PYGM antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PYGM
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	PYGM
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Target Details

Alternative Name:	PYGM (PYGM Products)
Background:	Synonyms: Glycogen phosphorylase, muscle form, Myophosphorylase, PYGM Background: Phosphorylase is an important allosteric enzyme in carbohydrate metabolism. Enzymes from different sources differ in their regulatory mechanisms and in their natural substrates. However, all known phosphorylases share catalytic and structural properties.
Gene ID:	5837
UniProt:	P11217
Pathways:	Cellular Glucan Metabolic Process

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in: de Luna, Brull, Lucia, Santalla, Garatachea, Martí, Andreu, Pinós: "PYGM expression analysis in white blood cells: A complementary tool for diagnosing McArdle disease?" in: **Neuromuscular disorders : NMD**, (2014) ([PubMed](#)).