

Datasheet for ABIN7644371
anti-PYGL antibody



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1 Image

Overview

Quantity:	100 µL
Target:	PYGL
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PYGL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	Polyclonal Antibody to Glycogen Phosphorylase, Liver (PYGL)
Immunogen:	RPA849Ra01 Recombinant Glycogen Phosphorylase, Liver (PYGL)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PYGL. It has been selected for its ability to recognize PYGL in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

Target:	PYGL
Alternative Name:	PYGL

Target Details

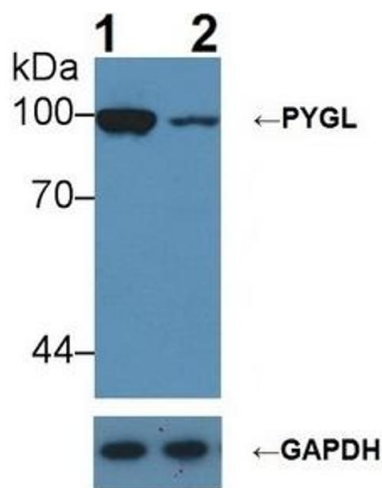
Background:	GPLL, GPBB, Hers Disease, Glycogen Storage Disease Type VI
UniProt:	P09811
Pathways:	Carbohydrate Homeostasis , Cellular Glucan Metabolic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 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:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. Knockout Varification: ,Lane 1: Wild-type Hepg2 cell lysate,Lane 2: PYGL knockout Hepg2 cell lysate,Predicted MW: 97 kDa ,Observed MW: 100 kDa,Primary Ab: 1 µg/mL Rabbit Anti-Rat PYGL Ab,Second Ab: 0.2 µg/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody,(ABIN6950948)