

Datasheet for ABIN7450622
anti-PYGL antibody (AA 797-847)



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Overview

Quantity:	100 µg
Target:	PYGL
Binding Specificity:	AA 797-847
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PYGL antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-PYGL Antibody, Affinity Purified
Immunogen:	Between AA 797 and 847
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	PYGL
Alternative Name:	PYGL (PYGL Products)
Background:	Background: Glycogen phosphorylase, liver form, (PYGL) encodes a homodimeric protein that catalyses the cleavage of alpha-1,4-glucosidic bonds to release glucose-1-phosphate from liver

Target Details

glycogen stores. This protein switches from inactive phosphorylase B to active phosphorylase A by phosphorylation of serine residue 15. Activity of this enzyme is further regulated by multiple allosteric effectors and hormonal controls. Humans have three glycogen phosphorylase genes that encode distinct isozymes that are primarily expressed in liver, brain and muscle, respectively. The liver isozyme serves the glycemic demands of the body in general while the brain and muscle isozymes supply just those tissues [taken from NCBI Entrez Gene (Gene ID: 5836)].

Gene ID:	5836
NCBI Accession:	NP_002854
UniProt:	P06737
Pathways:	Carbohydrate Homeostasis , Cellular Glucan Metabolic Process

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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
Expiry Date:	12 months