

Datasheet for ABIN7450309

anti-Glycogen Synthase 1 antibody (AA 625-675)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Glycogen Synthase 1 (GYS1)
Binding Specificity:	AA 625-675
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glycogen Synthase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-GYS1 Antibody, Affinity Purified
Immunogen:	Between AA 625 and 675
Isotype:	IgG
Predicted Reactivity:	Orangutan
Purification:	Affinity Purified

Target Details

Target:	Glycogen Synthase 1 (GYS1)
Alternative Name:	GYS1 (GYS1 Products)
Background:	Background: Glycogen synthase 1 (muscle) (GYS1) catalyzes the addition of glucose

Target Details

	monomers to the growing glycogen molecule through the formation of alpha-1,4-glycoside linkages. Mutations in the GYS1 gene are associated with muscle glycogen storage disease [taken from NCBI Entrez Gene (Gene ID: 2997)].
Gene ID:	2997
NCBI Accession:	NP_002094
UniProt:	P13807
Pathways:	PI3K-Akt Signaling , AMPK Signaling , 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