

Datasheet for ABIN7114695

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

Overview

Quantity:	100 µg
Target:	Glycogen Synthase 1 (GYS1)
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glycogen Synthase 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	glycogen synthase 1 (muscle)
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	Glycogen Synthase 1 (GYS1)
Alternative Name:	GYS1 (GYS1 Products)
Background:	Synonyms: GYS Background: The protein encoded by this gene catalyzes the addition of glucose monomers to the growing glycogen molecule through the formation of alpha-1, 4-glycoside linkages. Mutations in this gene are associated with muscle glycogen storage disease. Alternatively spliced transcript variants encoding different isoforms have been found for this

Target Details

	gene.
Molecular Weight:	100 kDa
Gene ID:	2997
UniProt:	P13807
Pathways:	PI3K-Akt Signaling , AMPK Signaling , Cellular Glucan Metabolic Process

Application Details

Application Notes:	WB: 1:500 - 1:2000, IHC: 1:50 - 1:200, IF: 1:50 - 1:100
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3 ,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months