

Datasheet for ABIN7516791

Recombinant anti-Glycogen Synthase 1 antibody (pSer641)



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Overview

Quantity:	100 µL
Target:	Glycogen Synthase 1 (GYS1)
Binding Specificity:	pSer641
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Glycogen Synthase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit recombinant monoclonal antibody raised against human GYS1.
Immunogen:	Original antibody is raised against a synthetic phosphopeptide corresponding to residues surrounding Ser641 of human GYS1.
Clone:	R03-3A1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat

Target Details

Target:	Glycogen Synthase 1 (GYS1)
Alternative Name:	GYS1 (GYS1 Products)
Background:	Glycogen synthase 1 (muscle)
Gene ID:	2997
Pathways:	PI3K-Akt Signaling , AMPK Signaling , Cellular Glucan Metabolic Process

Application Details

Application Notes:	Immunohistochemistry (1:50-1:100),Immunoprecipitation(1:20),Western Blot (1:500-1:1000),The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40 % Glycerol, 0.01 % Sodium azide and 0.05 % BSA).
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:	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.