

Datasheet for ABIN7606747

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, Mouse
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Glycogen Synthase 1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Glycogen synthase 1 (Phospho-Ser641) Rabbit mAb
Immunogen:	A synthesized peptide derived from human Phospho-Glycogen synthase 1 (S641)
Isotype:	IgG
Specificity:	Phospho-Glycogen synthase 1 (S641) Antibody detects endogenous levels of total Phospho-Glycogen synthase 1 (S641)
Purification:	Affinity-chromatography
Grade:	KD Validated

Target Details

Target:	Glycogen Synthase 1 (GYS1)
Alternative Name:	Glycogen synthase 1 (GYS1 Products)
Background:	Glycogen [starch] synthase, muscle, glycogen synthase, muscle, GYS,
Molecular Weight:	85kDa
UniProt:	P13807
Pathways:	PI3K-Akt Signaling , AMPK Signaling , Cellular Glucan Metabolic Process

Application Details

Application Notes:	WB:1:1000~1:2000 IHC:1:50~1:200 ICC/IF:1:50~1:200 IP:1:50
Restrictions:	For Research Use only

Handling

Buffer:	phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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,-20 °C
Storage Comment:	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.