

Datasheet for ABIN6288068

anti-Glycogen Synthase 1 antibody (pSer645)[Go to Product page](#)

Overview

Quantity:	50 µL
Target:	Glycogen Synthase 1 (GYS1)
Binding Specificity:	AA 580-660, pSer645
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Glycogen Synthase 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Rabbit polyclonal to Phospho-Glycogen Synthase 1 (S645).
Immunogen:	Synthesized peptide derived from human Glycogen Synthase 1 around the phosphorylation site of S645.
Isotype:	IgG
Specificity:	Phospho-Glycogen Synthase 1 (S645) Polyclonal Antibody detects endogenous levels of Glycogen Synthase 1 protein only when phosphorylated at S645.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	Glycogen Synthase 1 (GYS1)
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Target Details

Alternative Name:	Glycogen Synthase 1 (GYS1 Products)
Molecular Weight:	83/89 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 1:100-1:300 ELISA 1:5000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % 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:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.