

Antibodies Product Datasheet

Product Name:	Glycogen Synthase 1 (Phospho-Ser645) Antibody
Catalog Number:	A0431
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC-p, IF(paraffin section), ELISA
Dilutions:	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.
Modification:	Phospho Specific
Source:	Polyclonal Rabbit
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Immunogen:	The antiserum was produced against synthesized peptide derived from human Glycogen Synthase around the phosphorylation site of Ser645. AA range:611-660
Concentration:	1 mg/ml
Gene Name:	GYS1
Protein Name:	Glycogen [starch] synthase muscle
Other Name:	GYS1; GYS; Glycogen [starch] synthase; muscle
Human Swiss Prot No.:	P13807
Formulation:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Specificity:	Phospho-Glycogen Synthase 1 (S645) Polyclonal Antibody detects endogenous levels of Glycogen Synthase 1 protein only when phosphorylated at S645.
Storage and Stability:	-20°C/1 year