

Anti-Phospho-GYS1-Ser645 antibody (580-660) (STJ90793)

STJ90793

GENERAL INFORMATION

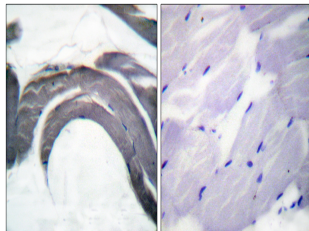
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Phospho-Glycogen Starch Synthase-Muscle-Ser645 (580-660) is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence and ELISA research applications.
Applications	WB, IHC-P, IF-P, ELISA
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

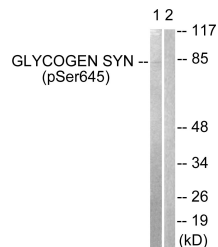
Clonality	Polyclonal
Clone ID	
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was affinity-purified from rabbit anti-serum by affinity-chromatography.
Dilution	WB 1:500-1:2000
Range	IHC 1:100-1:300 ELISA 1:5000
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

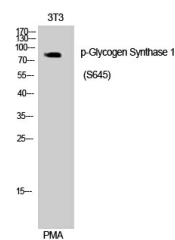
Gene ID	2997
Gene Symbol	GYS1
Uniprot ID	GYS1_HUMAN
Immunogen	The antiserum was produced against synthesized peptide derived from human Glycogen Synthase around the phosphorylation site of Ser645 at amino acid range 611-660
Immunogen Region	580-660
Specificity	Phospho-GYS1-Ser645 polyclonal antibody (Glycogen Starch Synthase-Muscle) binds to endogenous Glycogen Starch Synthase-Muscle at the amino acid region 580-660 only when phosphorylated at Ser645.
Immunogen Sequence	



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle, using Glycogen Synthase (Phospho-Ser645) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from NIH/3T3 cells treated with PMA 125ng/ml 30', using Glycogen Synthase (Phospho-Ser645) Antibody. The lane on the right is blocked with the phospho peptide.



Western blot analysis of 293 cells using Phospho-Glycogen Synthase 1 (S645) Polyclonal Antibody

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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