

Glycogen Synthase 1 (phospho Ser645) Polyclonal Antibody

Catalog No: #13835

Package Size: #13835-1 50ul #13835-2 100ul

Description

Product Name	Glycogen Synthase 1 (phospho Ser645) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-Glycogen Synthase 1 (S645) Polyclonal Antibody detects endogenous levels of Glycogen Synthase 1 protein only when phosphorylated at S645.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Glycogen Synthase around the phosphorylation site of Ser645. AA range:611-660
Conjugates	Unconjugated
Other Names	GYS1; GYS; Glycogen [starch] synthase; muscle
Accession No.	Swiss Prot:P13807GenelD:2997
SDS-PAGE MW	83
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Background

glycogen synthase 1(GYS1) Homo sapiens The protein encoded by this gene catalyzes the addition of glucose monomers to the growing glycogen molecule through the formation of alpha-1,4-glycoside linkages. Mutations in this gene are associated with muscle glycogen storage disease. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Sep 2009].

Note: This product is for in vitro research use only and is not intended for use in humans or animals.