

Glycogen Synthase 1(Phospho Ser645) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP00793
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Glycogen Synthase around the phosphorylation site of Ser645. AA range:611-660
Mol wt	83786
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Glycogen [starch] synthase muscle
Synonyms	Glycogen [starch] synthase muscle; GYS1; GYS; Glycogen, starch; synthase; muscle

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

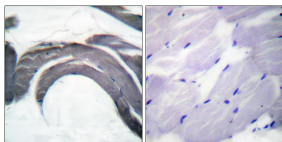
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

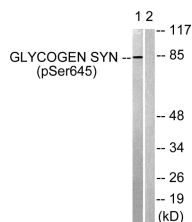
ELISA: 1: 5000

Not yet tested in other applications.

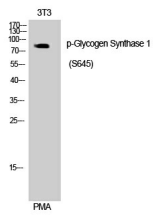
Images



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 293 cells using Phospho-Glycogen Synthase 1 (S645) Polyclonal Antibody



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.

Storage

-20°C for 1 year

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