

Glycogen Synthase 1 rabbit pAb

Cat#: orb768578 (Manual)

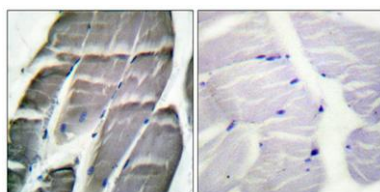
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Product Name	Glycogen Synthase 1 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse;Rat
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human Glycogen Synthase. AA range:621-670
Specificity	Glycogen Synthase 1 Polyclonal Antibody detects endogenous levels of Glycogen Synthase 1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Glycogen [starch] synthase muscle
Gene Name	GYS1
Cellular localization	cytosol,membrane,inclusion body,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

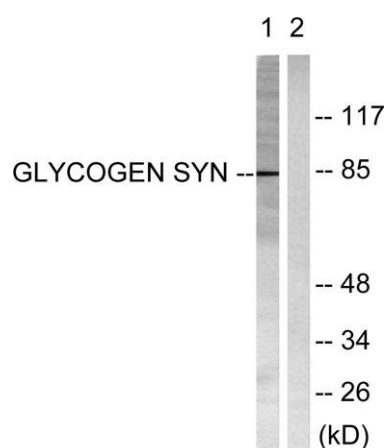
Concentration	1 mg/ml
Observed band	85kD
Human Gene ID	2997
Human Swiss-Prot Number	P13807
Alternative Names	GYS1; GYS; Glycogen [starch] synthase; muscle

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.[provided by RefSeq, Sep 2009],



Immunohistochemical analysis of paraffin-embedded Human skeletal muscle. Antibody was diluted at 1:100(4° overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative contrl (right) obtained from antibody was pre-abs



Western blot analysis of lysates from HeLa cells, treated with Serum 20% 30', using Glycogen Synthase Antibody. The lane on the right is blocked with the synthesized peptide.