

Glycogen Synthase 1 (phospho Ser641) rabbit pAb

Cat No.:ES5701

For research use only

Overview

Product Name	Glycogen Synthase 1 (phospho Ser641) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	Synthesized phospho-peptide around the phosphorylation site of human Glycogen Synthase 1 (phospho Ser641)
Specificity	Phospho-Glycogen Synthase 1 (S641) Polyclonal Antibody detects endogenous levels of Glycogen Synthase 1 protein only when phosphorylated at S641.
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	84kD
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





ELK Biotechnology

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],



+86-27-59760950

ELKbio@ELKbiotech.com

www.elkbiotech.com

23-2, No.388 Gaoxin 2nd Road,Wuhan East Lake Hi-tech Development Zone, Hubei , P.R.C