

Catalog Number	A8912
Synonyms	GSY; GYS; Glycogen synthase 1 (GYS1)
Reactivity	Human,Mouse,Rat
Tested applications	ELISA,WB
Host species	Rabbit
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.
Gene Id	2997
Isotype	IgG
Purity	Affinity purification
Swiss Prot	P13807
Recommended dilution	WB,1:500 - 1:1000
CALCULATED MW	84kDa
OBSERVED MW	85kDa
IMMUNOGEN	A synthetic peptide corresponding to a sequence within amino acids 638-737 of human Glycogen synthase (P13807).
POSITIVE SAMPLES	HeLa,293T,RD,Mouse brain,Rat heart
CELLULAR LOCALIZATION	cytoplasm,cytosol
STORAGE BUFFER	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

FOR RESEARCH USE ONLY. NOT FOR THERAPEUTIC OR DIAGNOSTIC APPLICATIONS. READ THROUGH ALL PROCEDURES BEFORE USE.